Digital Video Recorders

Swann Four Channel DVR Card

Turn your PC into a sophisticated digital video security monitoring system. The Swann plug and play DVR card and software allows you to observe and record four cameras simultaneously, or add more cards to upgrade to 16 cameras. Other benefits include MPEG-4 compression, remote access via the web or network, motion detection with instant email notification, audio monitoring and fast display and recording times. **Features:** •Monitor up to four cameras simultaneously •Motion detection with instant email notification •Plug and play software with easy to follow user manual •Upgradeable to four cards in a PC for 16 cameras •Mfr. #SW-R-PCDVR4

Order #	(ea.)
82-11970	$89.95

Swann Four, Eight and Sixteen Channel Triplex DVRs with USB

The Swann DVR-Net-PLUS series is the next generation of surveillance and safety monitoring equipment. Triplex functionality supports simultaneous view, record and playback. **Features:** •MJEPG compression •Connects to your existing WAN, LAN or network •Remote surveillance, remote playback and remote recording •Various recording modes; timer, motion detection and motion trigger recording, alarm and watermark •Full display mode menu and picture-in-picture •120 images per sec •USB connection, audio inputs, video loop through, network connectivity and pan/tilt/zoom support •Includes remote control and software •Record video to a hard drive and download to USB port specifically designed for quality USB thumb drives **Note:** Hard drive and USB thumb drive not included (Seagate or Maxtor with 8Mb cache recommended). All DVR-Net-PLUS series DVRs support up to 500Gb HDD max.

Order #	Mfr. #	Description	(ea.)
82-11955	S243-4NU	4 channel	$469.00
82-11960	S243-8NU	8 channel	629.00
82-11965	S243-16NU	16 channel	799.00

Swann Four Channel DVR4-Advantage™ Plus Camera

Take advantage of continuous, motion detection, or scheduled recording with this easy to install, full-featured, MJPEG, four-camera DVR. A built-in USB connection on the back panel connects to your PC for back-up, and the 80Gb HDD is capable of over one week of continuous recording at 7fps (approx two days at 30fps in quad record mode). Also included is a day/night color camera with audio. Ideal solution for either commercial, or small office, and residential applications, this full-featured DVR is capable of controlling PTZ operations, and incorporates both front panel controls and a remote control. **Package includes:** •Day/night camera with 65' video/power cable •4-to-1 barrel plug power adaptor pigtail cable •12VDC power adaptor •USB cable •Swann security window stickers and yard sign •Mfr. #SW242-AVD.

Order #	(ea.)
82-11956	$499.00

Defender Security Four Channel Simplex DVR

Featuring adjustable motion detection and MJPEG compression, this four-camera simplex DVR is both versatile and affordable. The removable drive bay easily facilitates up to 250Gb ATA100 hard drives, and automatically prompts formatting. Once formatted, just follow the simple on-screen menu to set-up each camera independently for continuous, time scheduled, or motion recording, frame rates up to 30fps, and low, normal, or high video resolution quality. **Features:** •Four BNC camera inputs •One BNC video output •Motion sensitivity and area trigger settings •Full screen, or quad view •Display settings for hue, saturation, brightness and contrast •Record up to 30fps •Search on time, date, or event •Password protection •Easy to use front panel controls (not remote controllable) •Power: 12VDC; 1.0A power adaptor (included) •**Note:** Hard drive not included (#83-10604)

Order #	Description	(1-9)
82-12150	DVR	$189.00
82-12151	Extra removeable bay	24.95

Swann Four Channel Elite™ DVR w/Integrated LCD

The Elite™ is an all-in-one surveillance recording and monitoring solution for residential and office applications. The system allows you to see and hear what is happening on the 8" LCD color monitor, while giving you video surveillance monitoring and recording in one easy to use package. **Features:** •Continuous, motion detection, or scheduled recording •MJPEG compression •Built-in USB connection to your PC for back-up •160Gb HDD is capable of over two weeks of continuous recording at 7fps (approx four days at 30fps in quad record mode) **Includes:** •12VDC power adaptor •USB cable •Remote control. •Mfr. #SW242-ELT

Order #	(ea.)
82-11957	$799.00

Security First Four Channel H.264 Stand-Alone Triplex DVR

With real-time playback, and USB back-up, this four-camera DVR with 250Gb SATA hard drive features the latest H.264 hardware compression available. The more efficient H.264 codec delivers the best picture quality and highest reliability while maintaining 120fps (30fps/camera). Triplex operation allows you to record during live-view, playback, back-up, and network connection. **Features:** •Motion, event and schedule recording •Motion sensitivity and area trigger settings •Search on time, date, or event •User-friendly mouse navigation and OSD menu and set-up •Ethernet network connectivity and set-up for LAN and remote access •USB back-up host port •Digital display zoom •RS485 PTZ control •Full screen, quad view, or PIP •PS/2 mouse control •Four BNC camera inputs •One BNC video output and one BNC looping output •VGA monitor output •Alarm relay inputs •Password protection •Easy to use front panel controls and remote control.

Order #	(ea.)
82-12170	$499.00

Security

Access Control 334
Alarm Panels . . .328, 329
Audio Surveillance . . .328
Ball Cameras 311
Baluns 321, 322
Batteries 336
Box Cameras . . . .314~319
Bullet Cameras . .308~310
CCTV Cables 321, 323
CCTV Testers 302
Counter Surveillance . .327
Covert Cameras 306
DVRs . . . . . .297~300
Dome Cameras . .311~314
Dummy Cameras 305
Enclosures 316, 326
Glass Breaks 331
Home Automation 335
Illuminators 320
Installation Accessories 320, 321
Keys/Locks 326
Key Pad 334
Lenses 319, 320
Magnetic Contacts . . .330, 331, 328
Modules/Relays 332
Monitors/LCDs . .301~304
Motion Detectors 305, 328, 329
Mounts 325, 326
Multiplexers 301
IP Cameras 307, 309, 313
Observation Systems 297, 298
PCB/Mini Cameras . . .305
Photo Beams 327
Power Supplies 305, 323, 324
PTZs 314
Quads/Switchers 300, 301
Recorders . . . . . .308~311
Sirens/Drives 333
Smoke/Fire Gas 336
VCRs 299, 306
Wireless Alarms 328
Wiring Enclosures . . .331
X-10 Pro 335

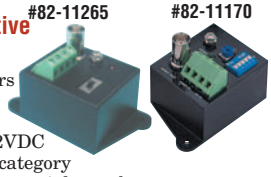
Surveillance Systems

Swann 5.5" Black and White Observation Systems

Swann 5.5" black and white security monitoring kits include a black and white monitor, and either two, or four B&W cameras with audio. The #82-11990 includes two imitation cameras that match the two operational cameras. A built-in auto-switch function allows you to view operational cameras from the same monitor with an adjustable timer. **Features:** •6'~9' night time range •¼" CMOS image sensor •380TLV •8.5mm lens •1.5 lux •Output power: 12VDC, 300mA.

Order #	Mfr. #	Description	(ea.)
82-11990	SW-P-SK	Two+two camera kit	$99.00
82-11996	SW244-SK4	Four-camera kit	149.00

Defender Security Active Video Transceivers



Active video transceivers allow transmission of real-time color or black and white video plus 12VDC power up to 7500' over category 5e UTP cable. Perfect for aerial runs between buildings, or in your existing premise network cable structure. Optional 2U rack panel holds up to nine transceiver units. 12VDC regulated, 300mA power adaptor included.

Order #	Description	(ea.)
82-11265	Transmitter	$34.95
82-11170	Receiver	39.95
82-9315	Rack panel	59.95

Surveillance Systems

DEFENDER SECURITY™

NEW

DEFENDER SECURITY™ Quad Video VCR Recording Systems

Simplify your choice of CCTV surveillance and recording systems by choosing from either a black and white, or color Defender Security VCR recording system. All the components necessary to set-up a complete quad video surveillance and recording system for your small office, retail, or residential premises are included in this package.

Kit includes:

MCM #	Qty.	Description	Order # 102-087	Order # 102-092
82-10760	1	Time-lapse VCR	•	•
82-7565	1	12" B&W CRT monitor	•	
82-3525	1	14" color CRT monitor		•
24-1615	1	6' BNC M/M monitor patch cable	•	•
82-7850	1	B&W quad processor	•	
82-7860	1	Color quad processor		•
82-11485	4	12VDC, 420TVL B&W cameras	•	
82-11505	4	12VDC, 420TVL color cameras		•
82-10280	4	2.8~12mm varifocal lenses	•	•
82-11376	4	Versatile dual-angle camera mounts	•	•
82-3950	4	12VDC regulated power adaptors	•	•
24-9678	4	100' video/power CCTV cables	•	•
Price			$649.00	$929.00

NEW

DEFENDER SECURITY™ Quad Video DVR Recording Systems

Save both time and money with economical digital video recording systems bundled in convenient packages that include the monitor, cameras with lenses and mounts, cabling and power supplies. Everything you need to set-up a digital video surveillance and recording system for your small office, retail, or residential premises is included (DVR HDD sold separately).

Kit Includes:

MCM#	Qty.	Description	Order # 102-120	Order # 102-125	Order # 102-128	Order # 102-130
82-12150	1	*Four channel simplex DVR	•	•	•	•
82-12155	1	17" color LCD monitor				•
82-3525	1	14" color CRT monitor	•	•	•	
82-11505	4	12VDC 420TVL color cameras	•			•
82-10775	4	12/24V 420TVL color dome cameras		•		
82-11365	4	12VDC 420TVL color D/N bullet cameras			•	
82-10280	4	2.8~12mm varifocal lenses	•			•
82-11376	4	Versatile dual-angle camera mounts	•		•	•
82-3950	4	12VDC regulated power adaptors	•	•	•	•
24-9678	4	100' video/power CCTV cables	•	•	•	•
*Hard drive sold separately						
Price			$799.00	$699.00	$569.00	$999.00

DEFENDER SECURITY™ NEW

Quad Video Observation Systems

Simplify your choice of CCTV surveillance and recording systems by choosing from either a black and white, or color Defender Security observation system. All the components necessary to set-up a complete quad video surveillance system for your small office, retail, or residential premises are included in this package.

Kit includes:

MCM #	Qty.	Description	Order # 102-086	Order # 102-091
82-7565	1	12" B&W CRT monitor	•	
82-3525	1	14" color CRT monitor		•
24-1615	1	6' BNC M/M monitor patch cable	•	•
82-7850	1	B&W quad processor	•	
82-7860	1	Color quad processor		•
82-11485	4	12VDC, 420TVL B&W cameras	•	
82-11505	4	12VDC, 420TVL color cameras		•
82-10280	4	2.8~12mm varifocal lenses	•	•
82-11376	4	Versatile dual-angle camera mounts	•	•
82-3950	4	12VDC regulated power adaptors	•	•
24-9678	4	100' video/power CCTV cables	•	•
Price			$499.00	$799.00

Digital Video Recorders

speco technologies

Eight Channel PC Based Pentaplex DVR

The DVR-PC8 is an eight-channel, IP addressable DVR that features pentaplex operation; simultaneously record, view live, playback, and transmit video and alarms. **Specifications:** •Available in 160Gb HDD (#82-10650) or 300Gb HDD (#82-10651) capacities •Embedded WinXP OS •Smart search •Easy to use GUI interface •Use on networks and the internet •Internal CD-RW, EIDE interface allows user to back up images in one hour segments selectable per camera •Recording scheduler (camera, time and date, recording mode) •Email notification •Proprietary enhanced MPEG algorithm •True-interlaced selectable recording resolutions: 320 x 240, 640 x 240, 640 x 480 per camera •Recording speed up to 60fps max per camera-not global •Easy back-up and upgrade interfaces •TCP/IP, LAN and DDNS supported •Eight channel composite video inputs •One channel MIC or line level voice input •Display speed max. 60/50fps •Recording speed: 320 x 240 max. 60/50fps, 640 x 240 max. 30/25fps, 640 x 480 max. 20/15fps •Very efficient byte size per image: 1~3 Kb/frame @ 320 x 240 •Recording modes: Continuous, motion detection and sensor activated •Recording schedule per camera, per hour for weekday/weekend/holiday •Powerful record schedule: Allows users to customize schedule for continuous, motion, sensor, per camera and per hour •Pan/tilt/zoom/focus/iris and preset control, RS-232C port multiple protocols supported •Non-stock, seven day lead time

Order #	Mfr. #	Description	(ea.)
82-10650	DVR-PC8/160	160Gb hard drive	$1389.00
82-10651	DVR-PC8/300	300Gb hard drive	1649.00

NEW

speco technologies

Sixteen Channel IP-based Triplex DVRs

Featuring MPEG-4 compression and triplex operation, these DVRs are capable of either 240fps, or 480fps (real time display), and come with free DDNS server access to facilitate seamless dynamic IP addressing for network/remote monitoring. **Specifications:** •Jog shuttle for easy operation •Real time live display •IR remote control included •Recording rate: Up to 480fps •One channel in/out for audio recording •One optical drive plus up to three internal HDD capacity •Built-in CD-RW for video clip exporting •USB 2.0 port for video clip exporting; supports USB thumb drive •Easy software upgrade via network, USB thumb drive, or CD-RW •Configurable normal and event recording frame rate and picture quality per channel, or globally via EZ record •Multiple built-in dome camera protocol (through RS-485) •Digital zoom 2 x 2 in live mode •Dynamically programmable recording priority, motion detection, alarms, and scheduling •Network software supports static IP, DHCP, PPPoE and DDNS •HDD size: 750Gb. See www.mcmelectronics.com for more details.

Order #	Mfr. #	Record Rate	(ea.)
82-12175	DVR-16TS/750	240fps	$2799.00
82-12180	DVR-16TT/750	480fps	3449.00

NEW

speco technologies

Four Channel Triplex MPEG-4 DVR

Featuring triplex operation, MPEG-4 compression and up to 60fps, this DVR offers nearly all the features of the higher frame-rate DVR-16TS/TT series (#82-12175/82-12180). The major differences are BNC and VGA video outputs, no BNC loop-out, one alarm output, a 12VDC power supply (included), a single USB back-up port, up to 750Gb HDD, maximum 180 day storage, no email notification, and no jog shuttle. Otherwise, the DVR-4TL is a compact, 1U-high, feature-rich DVR that's perfect for four-camera, remote access installations. See www.mcmelectronics.com for more details.

Order #	Mfr. #	HDD	(ea.)
82-12185	DVR-4TL/160	160Gb	$699.00
82-12186	DVR-4TL/320	320Gb	799.00
82-12187	DVR-4TL/750	750Gb	1597.00

NEW

speco technologies

Four, Eight and Sixteen Channel Triplex DVRs

The new lineup of DVRs from Speco Technologies features MPEG-4 compression and triplex operation, which allows for simultaneous recording, live viewing and playback. Each DVR in the series includes free DDNS server access to facilitate seamless dynamic IP addresses (in addition to static). **Features:** •Remote monitoring, recording, playback, and dome camera control via ethernet and/or internet •Recording rate up to 120pps •Individually configurable channels allows you to set recording (normal and event), frame rate, and picture quality, or you can globally configure all channels via EZ record •Dynamically programmable recording for priority, motion detection, alarms, and scheduling •Programmable call-monitor switching sequence •Up to 30 sec pre-alarm recording. **Includes:** •One 160Gb IDE HDD in removable bay •Two empty IDE HDD bays for expansion •CDRW back-up drive (DVD+RW drive optional) •One IEEE-1394 back-up port •One USB 2.0 back-up port •One audio input/output •One remote control •See www.mcmelectronics.com for more details

Order #	Mfr.##	HDD	(ea.)
82-11650	DVR-4TN/160	160Gb	$995.00
82-11665	DVR-8TN/160	160Gb	1229.00
82-11680	DVR-16TN/160	160Gb	1295.00
82-11681	DVR-16TN/300	300Gb	1519.00

Time-Lapse VCR

DEFENDER SECURITY

a40/1280HR Security Time Lapse VCR

Now you can record up to 1280 hours of time lapse video or 40 hours of real time video with one T-160 standard VHS tape. Full menu of features includes up to 40 hours real time recording, on-screen programming, 4-head azimuth helical scanning, frequency modulated recording, linear audio recording, up to 350 lines of horizontal resolution, and four selectable recording modes (alarm, series, repeat and timer). Depend on the built-in time date generator, automatic start-up following power failure, 30-day battery back-up, and auto-head cleaner to produce reliable video and audio surveillance recording. In addition to BNC video in/out, and RCA audio in/out jacks, the back panel features terminals for alarm in/out, alarm reset, series in/out, trigger out, warning out, and low tape out. **Includes:** •5' power cable •IR remote control •One-year limited manufacturer's warranty.

Order #	(ea.)
82-10760	$199.00

PELCO

Four Channel Networkable DVR

The DX4000 Series digital video recorder (DVR) is an entry-level, professional digital video recorder that not only replaces the traditional VCR and multiplexer combination but also offers the benefits derived from the latest in digital video processing. **Features**: •Four camera digital video recording •MPEG-4 compression •Up to 704 x 480 (NTSC) recording resolution •Up to 120fps recording rate at 352 x 240 •Independent channel resolution, quality, and frame rate settings •Full-function remote agent with administration functions •Up to 500Gb internal storage •Support for continuous, motion, alarm, and scheduled recording •Local or remote PTZ control via Pelco D and Pelco P protocols •Four audio inputs, one audio output •Four alarm inputs, one relay output •Main monitor configurable for multiple-camera displays and for live and video playback •Spot-monitor-capable for public-view displays •USB connection on front panel •Optional CDRW drive

Order #	HDD Capacity	(ea.)
Without CDRW Drive		
DX4004-160	160Gb	$1029.00
DX4004-250	250Gb	1259.00
DX4004-500	500Gb	1799.00
With CDRW Drive		
DX4004CD-160	160Gb	1349.00
DX4004CD-250	250Gb	1549.00
DX4004CD-500	500Gb	2259.00

DVR Mount BNC Video Balun

Unique slim-line design ideally suited for mounting to DVR BNC connections to distributed CCTV video over category 5e UTP wire. **Features:** •BNC to push-down locking terminal connections •Precise 75ohm impedance matching •1,750' range in color; 3,000' range in B/W •Input: 1V p-p composite video •Signal noise ratio: 76dB •Dimensions: 1.5" x 0.5" x .625"

Order #	(1-9)
82-11332	$18.95

Digital Video Recorders

SANYO Four Channel Triplex DVRs

Featuring MPEG-4 compression and triplex operation, Sanyo's DSR-2004H series is capable of 30fps real-time recording with individually adjustable camera rates from 1~30fps. **Specifications:** •Simultaneous recording, playback, and network monitoring •Full, quad, or sequential viewing •Remote internet viewing •Remote PTZ operation via telemetry protocol •BNC and VGA monitor outputs •Compatible with USB memory stick •Built-in motion detector •Two-way voice communication over the network •Four alarm inputs, one alarm output •See www.mcmelectronics.com for more details

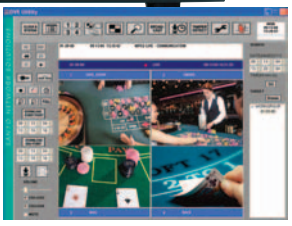
Order #	Mfr. #	HDD	(ea.)
82-12270	DSR-2004H160	160Gb	$799.00
82-12271	DSR-2004H300	300Gb	1069.00
82-12272	VA-VP100	-	139.00

SANYO Digital Video Recorders

The Sanyo DSR-37xx series of DVRs feature a built-in multiplexer, a clear picture with more than 520 TV lines of horizontal resolution, 30fps per channel, storage capacity up to 600Gb, simultaneous recording and playback at 60 fields/sec, camera telemetry control and networking capability. **Other features include:** DVR to DVR series connection capability, five different picture quality and search function settings, built-in motion sensor, three different recording modes (alarm, timer and programmed), two USB ports and a CF slot for data back-up. Remote control is possible through a LAN connection and Windows Exlorer (no special software necessary).

Order #	Mfr. #	Description	(ea.)
82-10964	DSR-3709H80	9 channel/80Gb HDD	$1755.00
82-10965	DSR-3709H160	9 channel/160Gb HDD	1890.00
82-10966	DSR-3709H300	9 channel/300Gb HDD	2161.00
82-10967	DSR-3709H600	9 channel/600Gb HDD	2703.00
82-9585	DSR-3716H80	16 channel/80Gb HDD	2232.00
82-10968	DSR-3716H160	16 channel/160Gb HDD	2367.00
82-10969	DSR-3716H300	16 channel/300Gb HDD	2638.00
82-10970	DSR-3716H600	16 channel/600Gb HDD	3180.00

SANYO Half Rack Width Digital Video Recorders



The Sanyo DSR-M series of DVRs are compact in design, but full of robust features like storage capacity up to 600Gb, MPEG2 compression, 30fps NTSC, LAN/remote access, recording/playback of real-time video, high picture quality, and audio recording. These DVRs offer normal, timer and alarm recording modes, six playback functions (playback, still, cue/review, frame advance, slow forward and backward, and search), and alarm or time/date search. The built-in USB port facilitates data back-up, and the 10/100BaseTX RJ-45 connection allows remote surveillance/control from a PC via LAN with the DVR utility software (VA-SW814 sold separately).

Order #	Mfr. #	Description	(ea.)
82-10942	DSR-M814H240	4 channel/300Gb HDD	$1755.00
82-10943	DSR-M814H240	4 channel/600Gb HDD	2297.00
82-9590	DSR-M810H120	1 channel/120Gb HDD	1018.00
82-10944	DSR-M810H240	1 channel/240Gb HDD	1235.00
82-10945	DSR-M810H300	1 channel/300Gb HDD	1343.00
82-10946	DSR-M810H600	1 channel/600Gb HDD	1885.00
82-10947	VA-SW814	DVR utility software	659.00

SANYO Network Video Server

Connect up to four analog video feeds. SSP (RS-485) compatible for over–the–network control of multiplexers, DVRs, PTZ cameras and recorders. Control up to 64 cameras from a single IP address. JPEG 2000 video compression, new standard for video compression technology, provides higher picture quality with smaller file sizes than JPEG or M-JPEG. 30fps max at 640 x 480 resolution. Easy connectivity; LAN/WAN/internet control with built–in server. DSL compatible, dial–up compatible, wireless LAN compatible (IEEE802.11b). Browser based control (IE 5.5 sp2 or above). JPEG 2000 plug–in software bundled with camera. Built–in intelligent motion detection. 16Mb of internal memory for pre and post alarm storage. PCMCIA slot for optional additional on–board memory or wireless LAN. Simultaneous ethernet and composite video output.

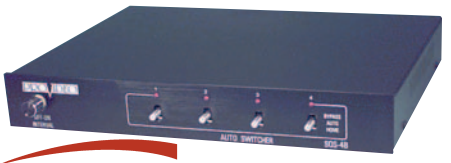
Order #	Mfr. #	(ea.)
82-9605	VSP-SV2000	$607.00

Switchers

DEFENDER SECURITY Sequential Switchers

Sequential switchers are designed to manually or automatically switch four or eight cameras to two outputs. Switching speed is variable from 1~30 seconds. LED indicates camera input being displayed.

Order #	Description	(ea.)
82-8880	4 input	$69.95
82-8885	8 input	99.95



speco technologies

Four Input Sequential Switcher

Automatic sequential switching of up to four sources. Sequencing time adjustable from .5~30 seconds. Switching time is less than one micro–second. Video connectors are BNC type. LED display indicates sequence position.

Order #	(ea.)
82-580	$85.95

PELCO Manual Switchers

The MS500 Series of manual, passive switchers provide an economical means of switching inputs to a single monitor. The interlocked manual push-button switches provide 75ohm termination at each switch. Audio follow options of single (AF) or balanced (BAF) audio are available.

Order #	Description	(ea.)
MS504DT	4 input	$119.00
MS508DT	8 input	179.00

PELCO Sequential Switchers

Desk-top, sequential switchers designed to manually or automatically switch four or eight cameras. The VS5104/VS5108 are desktop homing switchers having one monitor output. They feature terminating inputs adjustable dwell (from 1~70 seconds), vertical interval switching and bypass capability, and are powered by UL listed external wall transformers (supplied).

Order #	Description	(ea.)
VS5104	Four input	$139.00
VS5108	Eight input	239.00

NETMEDIA Video Sequencer

The V4x1™ is the smallest, lightest sequencer available. It is perfect for multiple security cameras. The sequencer is microprocessor controlled, switch selectable for 1~4 inputs and features precision, digital sequencing with variable dwell time from 1~63 seconds. The V4x1 is perfect for all discreet security and monitoring applications and low power consumption makes it ideal for battery powered applications. Mfr. #VS4X1.

Order #	(ea.)
82-2760	$59.00

Quad Processors

speco technologies Black and White High Resolution Quad Splitter

Economical black and white quad splitter features full compression (digitally processed) quad picture display, individual dwell time setting from 1~15 seconds, and individual gain control adjustment. **Specifications:** Power: 12VDC, 5W. Video: 1V p–p, 75ohm. Mfr. #RQS-10B.

Order #	(ea.)
82-8210	$165.00

speco technologies Color Quad Splitter

Economical color quad splitter with features including full screen camera call up and four camera input. Inputs 1.0V p-p (adjustable), 75ohm. Dwell time is adjustable 1~15 seconds. Power input 12VDC with included adaptor. Mfr. #RQS-5C.

Order #	(ea.)
82-2925	$279.00

DEFENDER SECURITY Black and White High Resolution Quad Processor

High resolution black and white quad processor that provides excellent picture quality. Two viewing modes, quad and sequential switching with 3 second dwell time. Four camera inputs with adjustable gain. Two outputs for monitor and VCR. **Specifications:** Power: 12VDC, 500mA via included adaptor. Video: 1V p-p, 75ohm.

Order #	(1-4)	(5-up)
82-7850	$89.95	$87.50

PELCO Color Quad

The QD104 series quads are high quality, low cost, color/monochrome video processors capable of displaying full–screen or quad views of four camera inputs. All camera inputs have looping outputs that add to the capability of the quad by providing connections for additional equipment. Five alarm inputs, one for each of the four cameras and one for the quad input. An alarm output can trigger a VCR or an external alarm indicator.

Order #	Description	(ea.)
QD104C	Color Quad	$650.00
QD104M	Monochrome Quad	389.00

DEFENDER SECURITY Color High Resolution Quad Processor w/Playback Zoom

Color quad processor designed for simultaneous viewing of up to four high resolution cameras. Two viewing modes, quad and sequential with adjustable dwell time programmable between 1 and 99 seconds. In playback mode the quad will allow single camera "zoom" viewing. Video loss and alarm detection modes. Built–in time/date generator and eight character camera titles. On–screen set-up menus for ease of operation. **Specifications:** Power: 12VDC, 1A. Video: 1V p-p, 75ohm.

Order #	(1-4)	(5-up)
82-8935	$249.00	$243.78

DEFENDER SECURITY Color Quad Processor

High resolution color quad processor allows viewing of up to four cameras simultaneously. Two viewing modes, quad and sequential with three second dwell time. Adjustable gain control for each camera input. **Specifications:** Power: 12VDC, 500mA. Video: 1V p-p, 75ohm.

Order #	(1-4)	(5-up)
82-7860	$169.00	$164.00

Multiplexer

DEFENDER SECURITY Duplex Multiplexers

View, record and play back video in multiple viewing modes. The Triplex function (#82-10560 and 82-10565 only) allows simultaneous recording, playback and live viewing when used with two VCRs. Duplex operation (#82-7895 only) supports recording and playback of video simultaneously using two VCRs. Record all cameras regardless of what is displayed on your monitor. Video adjustments for each camera include brightness, contrast, impedance and color. Built–in time and date generator and camera title up to eight characters. On–screen menus aid in set–up. 100 alarm records automatically record when tripped by a sensor or video loss. **Specifications:** Power: 12VDC, 1.2A with supplied adaptor. Connectors: BNC female. Inputs/outputs: 1V p-p, 75ohm.

Order #	Inputs	(ea.)
82-10560	4	$329.00
82-10565	8	439.00
82-7895	16	599.00

Universal Gold Connector Adaptor Kits

Choose any two connector ends you need and screw them together with the universal adaptor. Quickly assemble the exact adaptor for any job. 40 piece kit includes two each male and female UHF, mini UHF, "N", BNC, TNC, SMA, "F", RCA and six universals. Kits are in a soft zippered carry case.

Order #	(1-9 kits)	(10-49 kits)
27-1605	$119.00	$114.00

Color LCD Monitors

Marshall Triple 5" Rack Mounted Full Color Active Matrix LCD Panel

This rack mountable unit has three independently controlled 5" active matrix LCD panels with loop through capability. These 5" panels have 960 x 234 pixels (224,640 total pixels) and a 0.107mm x 0.320mm dot pitch. This unit features a (90°) tilt for an optimum viewing angle, fits a standard 19" rack, three rack spaces high. Each of the three screens has a built-in color bar generator, individual front mounted selector buttons with LEDs and color, tint, brightness, and contrast controls. Each screen has two composite video inputs and outputs, and a VGA input for computer monitoring. Unit also features low power consumption and heat dissipation for mobile applications. Unit comes complete with power supply and weighs approximately 5 lbs. Dimensions are 19.125" (W) x 5.14" (H) x 3.75" (D). Power consumption: 12VDC, 2.0A.

Order #	(ea.)
82-7110	$2099.00

Marshall NTSC/PAL Color Bar Generator

This hand held color bar generator generates a standard NTSC or PAL video signal consisting of an eight color frequency pattern including white, yellow, cyan, green, magenta, red, blue, and black. Operates on a 7~12VDC power supply or a 9V battery and uses a BNC connector for the output. This tool is ideal for multimedia production, making fine adjustments to your video monitors, or testing signal continuity in any video or security system.

Order #	(ea.)
82-7125	$199.00

VISIT US AT: www.mcmelectronics.com

Color LCD Monitors

DEFENDER SECURITY
Multi-Function CCTV Tester with 2.5" Color LCD Monitor

The Rapport337 is an innovative, portable, hand-held tester that combines six primary functions into a single, easy to use device. •The 2.5" color LCD monitor helps adjust camera focus and angle in the field •The video signal generator can display both color bar and color raster (red, green blue) to test and adjust your surveillance monitor's color, brightness and contrast •The full-function built-in digital multi-meter tests voltage, current, resistance and continuity for both AC and DC current •The protocol analyzer can determine the protocol of most installed PTZ cameras •The PTZ controller allows you to program PTZ cameras •The UTP cable tester identifies opens and shorts for both straight-through and crossover UTP/SPT cables. Comes complete with six "AA" rechargeable Ni-MH batteries for up to four hours of continuous use, a 12VDC, 1.0A power adaptor to recharge the Ni-MH batteries, a car charger with 5' cord (2.1 x 5.5mm DC barrel plug), a carry-case for both tester and accessories, a 4' BNC M/M patch cable, a UTP terminating module, and a 3' long set of test leads. See www.mcmelectronics.com for more details.

Order #	Description	(ea.)
82-11560	Rapport337	$549.00
76-108A	Replacement test leads	5.99

DEFENDER SECURITY
2.5" Color LCD Test Monitor

Compact, lightweight and portable, this CCTV camera test monitor is perfect for quickly focusing and adjusting field camera installations, saving both time and money. Includes versatile carry-case featuring adjustable, hands-free wrist straps, and fold-up sun-shield for anti-glare, daytime viewing. **Specifications:** BNC composite video input (1.0V p-p/75ohm) and BNC composite loop-through output. Video adjustments for brightness and color. Viewing angle of 90°, dot pitch of 0.1025 (W) x 0.163 (H), and contrast ratio of 150:1. **Power:** Includes six "AA" batteries, and has a 9VDC, 250mA jack (adaptor not included, use #82-3950).

Order #	(ea.)
82-11545	$199.00

DEFENDER SECURITY
Composite to VGA Video Convertor

Use your computer's CRT or LCD monitor for your security camera display! Better yet, you can use this convertor as a switch for displaying video input from up to 3 devices (security cameras, PCs, DVDs). For instance, connect four cameras from your color quad (#82-7850) to the convertor's BNC composite input. Then connect your PC's VGA output to the convertor's VGA input. Now you can switch between your PC display and your camera/quad display. There's also an S-video input for a third video input! **Features:** Female BNC, VGA and S-video inputs, female VGA output, NTSC and PAL input signal compatible, Output resolution up to 1024 x 768 at 60Hz, four button panel (input, menu, freeze and resolution) allows control for brightness, contrast, saturation, hue, and resolution. 5V/1A DC power adaptor and 4' VGA male-male cable included.

Order #	Description	(ea.)
82-10770	Scan convertor	$69.95
83-9694	15" LCD color monitor	179.95
83-10715	17" LCD color monitor	199.00

NEW

speco technologies

3.5" Color LCD Test Monitor

Portable 3.5" color test monitor for troubleshooting CCTV installations. Features LCD display for checking video signal, audio jack for testing audio signal, LED low-battery-level indicator, and integrated visor to block out sun. **Specifications:** •480 x 234 line resolution •Coaxial cable quality test: Open, short, excellent, good, poor •Built-in 0.5W speaker •BNC composite video input (1.0V p-p, 75ohm) and BNC composite loop-through output •Video adjustments for brightness and color •Battery charge time; 3 hours; battery life; 4 hours •Includes power supply, recharger, strap, test cables. Power: Built-in 2200mA battery; 250mA consumption; 12VDC output.

Order #	(ea.)
82-12255	$299.00

SANYO Color LCD Security Monitors

Slim, lightweight and portable, Sanyo's LCD color monitors feature bright, vivid pictures, 16.7 million colors, picture-in-picture (PIP), simultaneous computer and security monitor display capability, multiple display modes (composite video, S-video, VGA), NTSC/PAL auto recognition, audio I/O, universal power, one level operation in OSD, and multi-language settings.

Order #	Mfr. #	Monitor size	Max Resolution	(ea.)
82-11016	VMC-L1015	15"	1024 x 768 (XGA)	$715.00
82-11017	VMC-L1017	17"	1280 x 1024 (SXGA)	861.00

DEFENDER SECURITY
4" Color LCD Monitor

Set up and focus CCTV cameras without the need for walkie-talkies and two people saving both time and money. This 4" TFT LCD monitor has front panel digital controls for contrast, brightness, color, tint and stores the last setting when powered off. Built-in speaker with amplifier for testing audio signals. The re-chargable 12V battery pack will operate the monitor for over four hours. **Specifications:** Resolution: 480 x 234 pixels, Video input: 1.0V p-p, 75ohm, via "RCA" type connector, Power: 12VDC, 700mA via re-chargable battery, charger included.

Order #	Description	(ea.)
82-4305	Monitor	$249.00
82-4306	Replacement battery	19.95
82-10490	Replacement charger	9.95

DEFENDER SECURITY
5.6" LCD Test Monitor

This LCD Test Monitor is a genuine time saver for anyone installing or servicing CCTV and video systems. Set up and focus CCTV cameras without the need for walkie-talkies and two people. This 5.6" TFT LCD monitor has front panel digital controls and on screen display for contrast, brightness, color, tint and stores the last setting when powered off. Built-in speaker with amplifier for testing audio signals. The re-chargable 12V battery pack will operate the monitor for over four hours. **Specifications:** Resolution: 960 x 234 pixels, Video input: 1.0V p-p, 75ohm, via 3.5mm to "RCA" type cable, Power: 12VDC, 700mA via re-chargable battery, charger included.

Order #	Description	(ea.)
82-8185	Test monitor	$269.00
82-8190	Replacement battery for #82-8185	29.95
82-10490	Replacement charger	9.95

NEW

PELCO

Hand-Held Camera Set-Up Monitor

Small, lightweight and portable, this handy field test monitor features a viewfinder, eyepiece and TFT microdisplay. Compatible with any camera utilizing a BNC video output, or with Pelco's #3610, 3710, 3770 and IS series integrated 2.5mm service connector. **Specifications:** •800 x 225 pixel TFT microdisplay •Power source: Three "AAA" batteries •Eight hour continuous operation •Power consumption: 650mW •Includes batteries, wrist lanyard and 2.5mm-to-BNC service cable

Order #	(ea.)
CST150	$159.00

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Color LCD Monitors

Color TFT Flat Panel LCD Monitors

Specifically designed for the unique demands of the security professionals, Pelco offers the broadest line of LCD monitors in the industry. **200 Series features:** •VGA connection •Maximum contrast ratio of 500:1 •Internal speakers •Up to 1280 x 1024 SXGA resolution •Space-saving flat panel design with picture frame-style desktop stand **300 Series features:** •All the 200 Series features plus looping composite (BNC) •S-video (Y/C) inputs •Power consumption: <50W •No power adaptor required

Order #	Brightness	Max Resolution	(ea.)
200 Series LCDs			
PMCL217	300 cd/m2	1280 x 1024	$589.00
300 Series LCDs			
PMCL315	350 cd/m2	1024 x 768	679.00
PMCL319	380 cd/m2	1280 x 1024	999.00

Swann 8.4" Color LCD Security Monitor

Ideal for security applications where compact size is desirable. **Features:** •Touch panel control or remote control operation (remote control included) •Built-in speaker •3.5mm audio output jack •In-car power adaptor **Specifications:** •Video input: RCA composite • Integrated rear speaker audio output: (150mW max) •**Power source:** 12VDC (adaptor included) •Power consumption: ~16W. •Mfr. #SW248-8LM

Order #	(ea.)
82-12111	$189.95

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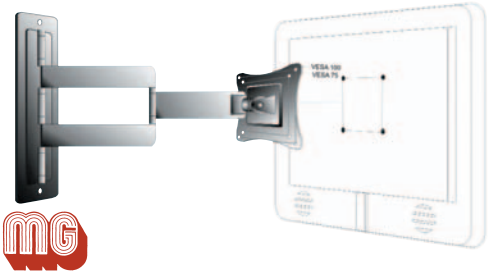
NEW Defender Color LCD Security Monitors

Designed and engineered specifically for CCTV applications, these LCD monitors feature high resolution, active matrix TFT LCD displays, and full digital image processing capabilities. With resolutions up to 1280 x 1024 these high-quality monitors offer exceptional brightness, contrast ratios, and viewing angles. Front panel controls facilitate full-featured on-screen menu navigation. Rear panels incorporate connections for VGA, composite video (BNC), S-video and audio.

Order #	Size	(ea.)
82-12155	17"	$399.00
82-12156	19"	549.00
82-12157	20"	659.00

LCD Mounts



LCD Swing-Arm Wall Mount

Unique dual joint design facilitates tilting, rotating and swiveling to view your flat panel display from any angle. **Features:** •Low profile design with silver finish •Fast and easy wall mounting •30° tilt and a 180° swivel •Includes stud mount wall plate, monitor plate and hardware kit •Meets VESA 75 and 100 mounting patterns. •Ideal for LCD monitors up to 19" **Note:** Do not exceed 30 lb. maximum load limit.

Order #	(1-9)
82-11341	$29.95

LCD Ceiling Mount Support Arm

Solid, welded design supports up to 40 lbs. and extends up to 3' from ceiling to support most flat panel displays between 10" and 30". **Features:** •Fast and easy ceiling mounting •±20° up-down tilt and a 180° side-to-side swivel •Meets VESA 50, 75 and 100 mounting patterns. •Black finish •Hardware kit included **Note:** Do not exceed 40 lb. maximum load limit.

Order #	(1-9)
82-11342	$29.95

LCD Wall Mount Kit

•Two direction LCD monitor bracket; side-to-side and up-down tilt •Includes screws for concrete and wood •Meets VESA 50, 75 and 100 mounting patterns •Ideal for LCD monitors up to 30" **Note:** Do not exceed 40 lb. maximum load limit.

Order #	(1-9)
82-11795	$19.95

Defender 10.4" Color LCD Security Monitor

Active matrix TFT LCD security monitor is a great solution for both commercial and residential surveillance applications. **Features:** •640 x 480 display resolution •OSD function control from console or remote (included) •Built-in audio speakers (w/in rear housing) •Multiple video and audio input and output connections; 2 x BNC input, 2 x BNC loop-through output, 1 x Y/C (4-pin DIN S-video) input, 1 x VGA (HD15F) input, 2 x RCA audio input, 2 x RCA audio output, 1 x 3.5mm audio •Retractable table-top stand with rubber anti-skid pads folds flush to allow wall-mount with VESA 75 mount, or with already machined keyhole slots. **Power:** 12VDC, 3.5A (power supply included). Includes 6' S-VGA M/M cable.

Order #	(ea.)
82-11540	$329.00

Black and White CRT Monitors

Philips Bosch Black and White Monitors

Contemporary styling and high resolution display make this monitor an excellent choice for industrial and surveillance CCTV applications. The monitor provides a minimum 700 lines of horizontal resolution. Front panel controls for adjusting contrast, brightness, horizontal hold, and vertical hold. Automatic switching from 75ohm unbalanced termination to Hi-Z with looped through operation. **Specifications:** Video input: 0.5~2.0V p-p, 75ohm. Power: 120VAC, 60Hz, 45W.

Order #	Mfr. #	Size	(ea.)
82-7955	LTC2009/90	9"	$179.00
82-7960	LTC2012/90	12"	209.00

speco technologies High Resolution Black and White Monitors

These monitors feature a flip open control cover, LED on/off indicator, video output and solid state circuitry all in a rugged black metal cabinet. Input via 75ohm BNC connector. Resolution at center is 1000 TV lines and 800 TV lines at corner. Switchable input impedance terminates at 75ohm or allows for loop through to additional monitors at high impedance. UL and CSA listed.

Order #	Size	(ea.)
82-565	9"	$134.00
82-570	12"	164.00
82-935	15"	239.00

Rainbow CCTV Black and White Monitors

High resolution black and white monitors produce greater than 1000 lines of resolution at center. Composite video input, 0.5~2.0V p-p, 75ohm or High Z for loop through applications. Power: 120/240VAC, 0.5A. Rack mount configuration. UL/CUL listed.

Order #	Mfr. #	Description	(ea.)
82-5955	RMB92	9"	$149.00
82-5960	RMB122	12"	159.00

Black and White CRT Monitors

Black and White Monitors

High resolution monochrome video monitors designed for use with CCTV type cameras can be used in desktop applications or rack mounted in a standard 19" rack using the optional easy-to-assemble rack mount kits available. These monitors produce high resolution (1,000 lines center), high contrast pictures on either a 12" or 15" diagonal screen. The cabinets are made of steel for ruggedness and durability, and with the exception of the picture tube, the circuitry is all solid-state. Features video loop-through connectors with switchable high-Z/75ohm termination. Controls for brightness, contrast, horizontal hold, vertical hold and AC power on/off are located on the front of the monitor.

Order #	Screen Size	(ea.)
PMM1201	12"	$184.00
PMM1501	15"	312.00
PMM9A	9"	149.00

DEFENDER™ High Resolution Black and White Monitors

High resolution black and white monitors for surveillance applications producing 1000 lines at center and 800 lines at corner. Video loop-through connectors and 75ohm/high-Z selector switch for connecting additional monitors or VCRs. Front panel controls for power, horizontal hold, vertical hold, contrast and brightness. **Specifications:** Power: 120VAC. Resolution: 1000 lines. Input signal: 0.5~2.0V p-p, 75ohm, composite video.

Order #	Description	(ea.)
82-7560	9"	$139.00
82-7565	12"	159.00
82-7570	14"	189.00
82-9460	20"	249.00

CCTV Installation Cables

Make your CCTV installation quick and easy with pre-made CCTV cables. Combination video/power with BNC connectors for video and 18AWG twisted pair for power.

Order #	Length	(ea.)
24-6605	25'	$17.95
24-6615	75'	34.95
24-6620	100'	39.95
24-6625	150'	65.95

Color CRT Monitors

SANYO High Resolution 14" Color Monitor

The Sanyo VMC-8614F 14" color monitor features a full-square (FS) CRT with 90° deflection, more than 800 lines of horizontal resolution, dual TV standard, NTSC and PAL composite video, and S-video input. •**Input terminals:** Y/C 4 pin mini-DIN (x1), video BNC connector (x2), audio RCA jack (x2) •**Output terminals:** Y/C 4 pin mini-DIN (x1), video BNC connector (x2), audio RCA jack (x2) audio output 1W •Power source: AC 100V~240V, 50/60Hz

Order #	Mfr. #	(ea.)
82-11014	VMC-8614F	$429.00

DEFENDER™ High Resolution Color Monitors

High resolution color monitors with greater than 350 lines of horizontal resolution. Video input/output: 1V p-p, 75ohm. Switchable output allows for 75ohm termination or loop through to additional equipment. **Specifications:** Resolution: Greater than 350 lines. Input: 1.0V p-p, 75ohm. Connectors: BNC. Power: 120VAC, 90W.

Order #	Size	(ea.)
82-3520	9"	$239.00
82-3525	14"	249.00
82-9455	20"	399.00

PHILIPS BOSCH 13" Color Monitor

The LTC 2813/60 is a compact color CCTV monitor. This versatile and attractive monitor provides the optimum solution for a low cost color system. 320 TV lines and two looping video inputs add to its flexibility. The monitor is suitable for a variety of CCTV surveillance applications including educational, industrial, retail, and commercial installations where value and system reliability are required. The LTC 2813/60 is ideal for time-lapse and event-alarm VCR systems. Mfr. #LTC2813/60.

Order #	(ea.)
82-7975	$379.00

PHILIPS BOSCH 20" Color Monitor

Ideal for any CCTV surveillance application where a large screen is required. The horizontal resolution is 450 TV lines. Front panel control for contrast, brightness, color, tint and input source. On screen display of monitor adjustments. Two video inputs and one Y/C input with automatic 75ohm termination to Hi-Z with looped through operation. **Specifications:** Video input: 1V p-p, 75ohm. Connectors: Four BNC (two looping BNCs per composite video input), two mini-DIN connectors for Y/C video, six RCA phono jacks for audio. Power: 120VAC, 75W. Mfr. #LTC2821/90.

Order #	(ea.)
82-7980	$599.00

SAMSUNG Color Monitors

•Designed for general purpose monitoring in CCTV applications •Operates on both NTSC and PAL systems •Both models over 420 lines of resolution •Built-in speaker •Metal cabinet to reduce external interference **Specifications:** Video input: 1V p-p, Connections: Video via BNC, audio via RCA

Order #	Mfr. #	Size	Resolution	(ea.)
82-8835	SAM-14M	14"	420 lines	$267.00
82-8836	SAM-21M	21"	450 lines	549.00

JVC 13" Color Monitor

The TM-A13SU is a lightweight 320 line 13" CRT. Comb filter produces sharper pictures and reduces cross color interference. **Features:** Multi-format compatibility (NTSC/PAL auto selection), composite and Y/C inputs, two audio inputs, high-quality 3" speaker with an output of 1W. **Specifications:** Power: 120VAC, 0.5A, video: 1V p-p, 75ohm, two-BNC, one-Y/C (S-VHS). Mfr. #TM-A13SU.

Order #	(ea.)
82-6675	$299.00

Super High Resolution Monitors

If your application demands crisp, detailed images, Pelco's super–high resolution monitors are the best choice for you. The PMCS15A and PMCS17A monitors have a computer grade picture tube capable of producing a horizontal resolution of 700/800 TV lines. Standard high resolution monitors produce only about 350 TV lines. The super–high resolution allows you to take full advantage of today's digital imaging surveillance equipment including S-video output devices, like Pelco's Genex® Series Multiplexer. Controls for brightness, color, contrast, and volume are located on the front of the monitor. The monitors support NTSC and PAL video formats, as well as 120VAC and 230VAC input power.

Order #	Screen	(ea.)
PMCS15A	15"	$409.00
PMCS17A	17"	639.00

21" High Resolution Color Monitors

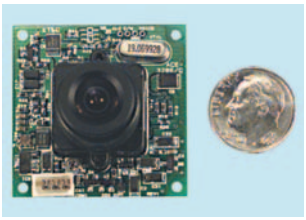
High–resolution color video monitor that supports both NTSC and PAL video, as well as 120VAC and 230VAC input power. The internal switching/sensing system automatically detects input voltage and frequency upon power-up. In addition, the monitors feature audio input and output. The monitor's S-VHS, high-resolution video (PMC20A, 420 lines and PMC9A, 350 lines), and digital comb filter add to the superior picture quality features of the product. This monitor works very well in both large and small applications.

Order #	(ea.)
PMC21A	$549.00

PCB/Mini Cameras

DEFENDER SECURITY

⅓" Color PCB Camera

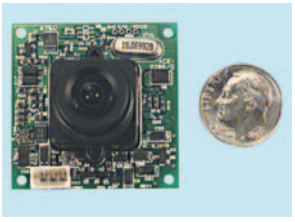


Camera features a ⅓" color CCD producing 380 lines of horizontal resolution and 290,000 pixels with a minimum illumination of 0.5 lux. Output: 1V p-p, 75ohm. Input voltage: 12VDC, 120mA. 3.6mm focal length with standard type lense. Adaptor not included (#82-3950).

Order #	(1-4)
82-7050	$109.00

DEFENDER SECURITY

¼" Color PCB Cameras

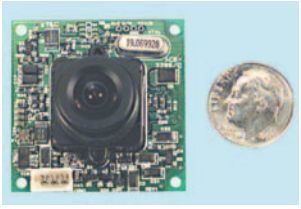


Camera features a ¼" color CCD producing 380 lines of resolution and 290,000 pixels. Excellent light sensitivity to 0.1 lux. Output: 1V p-p, 75ohm. Input voltage: 12VDC, 120mA. Adaptor not included (#82-3950).

Order #	Lens Type	Focal Length	(1-4)
82-7035	Standard	3.6mm	$79.95

DEFENDER SECURITY

Black and White PC Board Camera

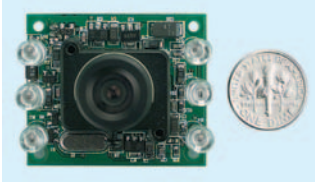


These miniature PC board cameras measure only 1¼" x 1¼" x 1". Camera features a ⅓" super grade high resolution CCD producing 420 lines of resolution with light sensitivity to 0.05 lux. Input voltage: 12VDC, 100mA. Adaptor not included (#82-3950). Output: 1V p-p, 75ohm. 3.6mmfocal length with standard type lens.

Order #	(ea.)
82-8785	$39.95

DEFENDER SECURITY

Miniature PC Board Camera with Infrared Illumination



This miniature PC board camera features built in infrared illumination allowing it to virtually see in the dark up to 5'! The PC board measures only 1½"x 1¼" x 1" offering unlimited possibilities for mounting applications. The ⅓" CCD image device produces over 380 lines of resolution and the built–in 3.6mm lens has a viewing angle of 92°. Input voltage: 12VDC, 330mA. Output: 1V p-p, 75ohm.

Order #	(1-4)	(5-up)
82-2995	$54.95	$52.95

DEFENDER SECURITY

Regulated Power Adaptor

Use this adaptor to supply power to Defender Security cameras. Input voltage: 120VAC. Output voltage: 12VDC, 500mA.

Order #	(ea.)	(2-9)	(10-up)
82-3950	$5.99	$5.14	$4.62

Swann NEW

Ultra Miniature Color Camera with Audio

#82-11800

Simply connect the Swann SecurityCam to your TV, VCR or security monitor for convenient monitoring or recording. Includes a high quality color CMOS imager, built-in microphone, tough metal casing and versatile mounting bracket. Kit includes two cameras, one simulated dome camera, and compact tripod. **Specifications:** •380 TV lines resolution •6.0mm lens •45° viewing angle •1.5 lux •7' attached cable •Includes 9V battery-snap mobile power adaptor (4hr. max). **Power:** 12VDC, 120mA adaptor (included). **Output:** 1V p-p, 75ohm (RCA)

#82-11801

Order #	Mfr. #	(ea.)
82-11800	SW211-DSC-13120	$29.95
82-11801	SW216-2DS	59.95

DEFENDER SECURITY

Ultra Miniature Color Camera

The incredibly small size of this camera, only ¾" x ¾" makes it suitable for applications where no other camera can fit. Camera features a ¼" high resolution CCD producing 380 lines of resolution, excellent light sensitivity to 0.5 lux. Lens type: Flat pinhole. Focal length 3.7mm. Output: 1V p-p, 75ohm. Input voltage: 12VDC, 100mA. Adaptor not included (#82-3950).

Order #	(ea.)
82-8405	$149.00

DEFENDER SECURITY

Ultra Miniature Black and White Cameras

Ultra miniature camera measures only 1" x 1" making it suitable for applications where no other cameras can fit. Features a ⅓" high resolution CCD producing 420 lines of resolution and 250,000 pixels. Excellent light sensitivity to 0.05 lux. Output: 1V p-p, 75ohm. Input voltage: 12VDC, 100mA. 3.6mm focal length with standard type lens. Adaptor not included (#82-3950).

Order #	(ea.)
82-6960	$59.95

DEFENDER SECURITY

Pinhole Camera Set

This is an ideal camera for covert, temporary, video operations. It is designed for low light situations to 0.1 lux. The included battery holder is excellent for remote locations where AC is not available. The camera set includes an AC adaptor and mounting bracket. **Specifications:** Resolution: 420 lines. Lens: 3.6mm wide angle pinhole lens. Power: 9~14VDC, 100mA. Video output: 1.0V p-p, 75ohm

Order #	(1-4 sets)	(5 sets-up)
82-4250	$129.00	$124.00

Covert Cameras

Swann Digital Private Eye Indoor PIR Camera

The Swann Digital Private Eye is a complete stand-alone video recorder and/or still-frame image capturing CCTV system that mounts, or stands virtually anywhere indoors. **Features:** •Built-in PIR motion detector •Capture images to an SD memory card when someone triggers the PIR motion detector •Connect the camera to your PC via the USB port and use the camera as a webcam **Specifications:** •640 x 480 optical sensor resolution •¼" color CMOS sensor •Supports Win2000 and WinXP •Includes CD drive (required if connecting PIR direct to PC) •Mfr. #S211-DPE-14130

Order #	(ea.)
82-12100	$139.95

Swann Color Indoor PIR Camera

The Swann imitation PIR Cam features a color CCD image sensor delivering stunning picture quality. The PIR Cam is ideal for low light, indoor, covert applications. **Specifications:** •¼" CCD image sensor •420TVL resolution •3.6mm lens •2.0 lux •Auto white balance •ABS plastic construction. **Power:** 12VDC, 300mA. **Output:** 1V p-p, 75ohm (BNC) •Mfr. #SW-C-DPCC

Order #	(ea.)
82-11900	$89.95

Swann Simulated CCTV Security Box Camera

Swann's simulated security box camera provides you with a practical theft-deterrent solution. Simple and quick to install, features a bright red flashing light (requires two "C" sized batteries; use #293-015), a realistic cable.

Order #	Mfr. #	Description	(ea.)
82-11835	SW-P-SSC	Box camera	$19.95

speco technologies

PIR Cameras

⅓" black and white CCD cameras disguised in a PIR housing. Minimum illumination 0.5 lux. 3.6mm wide angle lens. 400 lines standard resolution, 480 lines high resolution. Includes 12VDC power supply.

Order #	Mfr. #	Description	(ea.)
82-3595	CVC-264PIR	Standard resolution	$109.00
82-3605	CVC-272PIR	High resolution	146.00

NET 30 Terms
Order Toll Free 1-800-543-4330 Fax 1-800-765-6960

DEFENDER SECURITY
Covert Smoke Detector Color Camera

¼" color Sony Super HAD CCD image sensor in an indoor smoke detector enclosure. Features 380TVL resolution, side-view 3.7mm lens, 1.0 lux, and automatic backlight compensation, gain control and electronic shutter. Power: 12VDC, 80mA. **Note:** Power adaptor not included (use #82-3950). Output: 1V p-p, 75ohm (BNC).

Order #	(1-4)
82-11535	$89.00

DEFENDER SECURITY
Covert Cameras

These fully functional, every day products are concealing CCTV cameras. Available in hard wired or 2.4GHz wireless configuration to suit any application. ⅓" black and white CCD camera producing 420 lines of resolution with a minimum illumination of 0.04 lux. Wide angle 3.6mm lens. Wireless systems have a range of 200' line of sight (approximately). #82-7990 records to it's own tape, front panel controls and indicator lights are disabled to prevent detection. **Due to the nature and use of covert cameras, these products may only be returned for repair or replacement of defective units.**

Fig.	Order #	Description	(ea.)
Hard wired			
C	82-8015	Wall clock	$254.00
Wireless			
B	82-7990	VCR	329.00
A	82-8020	Clock radio	395.00
D	82-8025	Smoke detector	254.00
C	82-8040	Wall clock	254.00

DEFENDER SECURITY
Door "Peephole" Camera

Perfect substitution for door "peepholes". This camera can be integrated into a home video system for identification of a guest without leaving the comfort of your chair. The camera is designed to fit into a ⅞" hole and can easily be adjusted to fit doors up to 2¾" thick. ⅛" CCD produces 420 lines of resolution with a minimum illumination of 0.05 lux. Wide angle lens provides a viewing angle of 170°. **Specifications:** Output: 1V p-p, 75ohm. Power: 12VDC, 100mA. Adaptor not included (#82-3950). **Note:** For indoor use or use behind high quality storm doors only.

Order #	(ea.)
82-7595	$89.95

Covert Cameras

NETMEDIA
In–Wall Camera

This decorator–friendly camera blends in with existing light switches to provide unobtrusive security and surveillance. Great for monitoring the front door, baby's room or backyard. The baseband output can be viewed through the video input of a security monitor, TV, or VCR. Use with a digital modulator to distribute the camera signal to all TVs in the home. **Specifications:** Lens: SC50 3.7mm pinhole, SC51 3.6mm. Resolution: SC50 430 lines, SC51 420 lines. Illumination: SC50 0.03 lux, SC51 0.5 lux. Video: 1V p-p, 75ohm. Power: 12VDC, 500mA.

Order #	Mfr. #	Description	(ea.)
82-6815	SC50	B&W camera	$149.00
82-6820	SC51	Color camera	174.00

NETMEDIA
Camodulator™

This is the ultimate in security and surveillance cameras. The Camodulator is a camera and digital modulator integrated in a micro assembly that is small enough to mount in a standard single gang junction box. Included is a dark lens cover that fits behind any standard Decora style cover plate, protecting the camera from the elements and concealing its identity. Power is supplied remotely via the coax cable using the provided power injector. **Features:** 380 lines of resolution. Electronic automatic iris. Built–in wide angle lens. UHF and cable TV band coverage. Easy installation with the included drywall mounting bracket.

Order #	Mfr. #	Description	(ea.)
82-2755	SC02	Color	$259.00

SecureView® Camera in a Light Bulb, Outdoor Flood Light Camera

This unique black and white camera simply screws into any light socket and sends live video through the existing electrical AC wiring to any TV or VCR. Monitor anywhere, anytime, day or night. This "light bulb" camera sees in total darkness. Set up a security system in minutes. Simply screw in the "light bulb" camera with its built-in encoder, plug the receiver at any wall outlet, and connect to the composite video input of any TV or VCR. No drilling or cables required. Your security system is up and running. **Note:** Camera and receiver must be on same AC power phase. Includes camera/bulb, receiver, and instructions. Power requirements: 120VAC, 60Hz.

Order #	(1-3)	(4-up)
82-8902	$129.00	$125.00

Power Splitter "Y" Adaptors

Connect two cameras to a single power supply. Single female 5.5 x 2.1mm to two male 5.5 x 2.1mm.

Order #	Length	(ea.)
24-5355	12"	$1.95
24-5360	24"	2.19

Wireless Cameras

Swann
Wireless Outdoor Day/Night Bullet Camera Kit

The Black Knight camera features a ¼" CCD imager, 420TLV resolution, built-in audio, and 27 powerful IR LEDs capable of a night time viewing range up to 40'. Combined with the 2.4GHz wireless four-channel receiver, the kit is easy to install in the home, office or retail setting. **Camera specifications:** •¼" CCD sensor •420TLV resolution •Waterproof IP66 rating •27 LEDs •Power: 12VDC, 250mA. **Receiver specifications:** •2.4GHz frequency •Four-channel auto-switching •Normal and loop-through video switch •Power: 12VDC, 250mA. **Package includes:** Camera with built-in audio microphone, four channel receiver, and two 12VDC power adaptors •Mfr. #SW-C-BLACKK

Order #	(ea.)
82-11950	$189.00

Swann NEW
Wireless Outdoor Day/Night Camera Kits

The Swann Night Hawk 2.4GHz wireless camera kits are perfect for home, office and retail installations. The camera and receiver feature a one-way video and audio transmission range of up to 300' (unobstructed), and the installation is effortless. **Camera specifications:** •¼" CMOS senor •380TLV resolution •8.5mm lens •Waterproof IP66 rating •12 LEDs •Power: 8VDC, 200mA. **Receiver specifications:** •2.4GHz frequency •Four-channel auto-switching •Normal and loop-through video switch •Power: 8VDC, 200mA (12VDC, 500mA for two-camera kit). **Package includes:** Camera(s) with built-in audio microphone and camera stand, four channel receiver, power adaptors, A/V cable, and battery-snap cable for 9VDC battery connection to camera.

Order #	Mfr. #	Description	(ea.)
82-11915	SW-P-WOC	One-camera kit	$119.00
82-11920	SW-P-WOC2	Two-camera kit	199.00
82-11925	SW-P-WOCEX	Additional camera	99.95

Swann Wireless
Mini Indoor Color Camera

Use an existing 2.4GHz receiver in combination with the four-channel Swann MicroCam camera for closer monitoring. The camera offers extended range, and the clarity and picture quality have been enhanced for even better full color images. Includes one MicroCam camera and stand, power adaptor (8VDC, 200mA), and battery-snap cable for portable 9VDC battery (#292-065) connection to camera. •Mfr. #SW-P-MC4

Order #	(ea.)
82-11935	$79.95

Wireless CCTV

Swann Wireless Mini Indoor Color Camera Kit

The Swann MiniCam 2.4GHz wireless color camera kit makes it easy to conceal a camera almost anywhere. It can be used with a 9V battery for portability, or with the power adaptor, both included in the kit. The camera and receiver feature a one-way video transmission range of up to 300' (unobstructed). **Camera specifications:** •¼" CMOS senor •380TLV resolution •8.5mm lens •Power: 8VDC, 200mA. **Receiver specifications:** •2.4GHz frequency •Four-channel auto-switching •Normal and loop-through video switch •Power: 8VDC, 200mA. **Package includes:** Camera with built-in audio microphone and camera stand, four channel receiver, power adaptors, A/V cable, and battery-snap cable for 9VDC battery connection to camera •Mfr. #SW-P-MWC

Order #	(kit)
82-11930	$89.95

Swann Mobile 2.4GHz LCD Color Monitor

Super compact four-channel receiver makes monitoring your wireless cameras simple. Video and audio reception from up to four wireless cameras is displayed on the color TFT LCD screen in 480 x 234 resolution. Recharges battery in cradle (included). Mfr. #SW-G-MVIEW.

Order #	(ea.)
82-11945	$199.00

Swann High Gain 2.4GHz Signal-boosting Antenna

Designed specifically for wireless cameras and Wi-Fi receivers, the Swann Network Booster antenna boasts a 9dB gain allowing you to nearly double your wireless transmission range. •Mfr. #SW-P-HGA

Order #	(ea.)
82-12095	$49.95

Terrestrial Digital Indoor 2.4GHz Antennas

Choose from several antenna designs (wall, ceiling, desk, or corner) that optimize gain in various locations throughout a building, or residence by utilizing either multi-directional, or omni-directional beams, and unique, functional designs to maximize efficiency and signal strength.

Order #	Description	Gain	Beam Width	(ea.)
30-2085	Multi-directional, wall-mount	11db	180°	$79.95
30-2086	Multi-directional, corner-mount	12db	90°	79.95
30-2087	Omni-directional, multi-mount	5db	360°	79.95
30-2088	Omni-directional, ceiling-mount	5db	360°	79.95

Defender Security 2.4GHz Single Channel Receiver

Easily select one of the four operating frequencies by simply changing the DIP switch. Operates on 2.413, 2.432, 2.451 and 2.470GHz frequency bands. Includes 12VDC, 500mA adaptor. Video output: "RCA" type jack, BNC adaptor included. Audio output: "RCA" type jack.

Order #	(1-4)	(5-up)
82-6320	$84.95	$82.75

Defender Security 2.4GHz Video Transmitter

2.4GHz wireless video transmitter operates on 2.413, 2.432, 2.451 and 2.470GHz frequency bands. Transmits video and audio to an average distance of 150'. Easily select one of the four operating frequencies by simply changing the jumper. Transmitter designed to supply power to a 12VDC camera via an included jumper cable. **Specifications:** Transmitter power: 10mW. Power supply: 12VDC, 500mA via supplied adaptor. Inputs: Video: RCA type connector, Audio: RCA type connector, Alarm: Push-terminal

Order #	(1-4)	(5-up)
82-6330	$79.95	$77.20

Defender Security Sub-Miniature 2.4GHz Wireless Camera

2.4GHz wireless color CCD camera features ¼" CCD image device capable of producing 350 lines of resolution. Built-in 3.6mm wide angle lens. Camera mount included. **Specifications: Camera section:** Minimum illumination required is 2.0 lux. Power: 12VDC, 160mA via supplied adaptor. Dimensions: 1" x 1" x 2¾". **Transmitter section:** Power: 10mW. Operating bands: 2.413, 2.432, 2.451 and 2.470GHz.

Order #	(ea.)
82-8055	$199.00

Defender Security 2.4GHz High Gain Antennas

High gain antennas for increasing the effective range of the 2.4GHz transmitters. The #82-6345 attaches directly to the camera or receiver and is omnidirectional. The remained antennas are directional, waterproof and mount remotely.

Order #	Description	Connector	(ea.)
82-6345	3dB gain	SMA male	$9.99
82-6350	8.5dB gain	SMA male	79.95
82-8090	10dB gain	SMA female	71.35

Defender Security 2.4GHz Four Channel Wireless Receiver

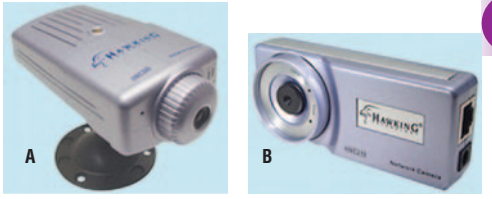
Four channel automatic switcher built into a 2.4GHz audio/video receiver. Operates on 2.413, 2.432, 2.451 and 2.470GHz frequency bands. Operates on 12VDC, 280mA with included adaptor. Video output: "RCA" type jack, BNC adaptor included. Audio output: "RCA" type jack.

Order #	(1-4)	(5-up)
82-6315	$104.00	$99.95

Defender Security 2.4GHz Wireless Video Transmitter

Use this wireless transmitter to make any standard CCTV camera wireless. The transmitter with high-gain 3dB antenna simply plugs into the camera's BNC jack. Power: 12VDC, 100mA via included adaptor. **Limited quantities.**

Order #	(ea.)
82-8070	$79.95



Hawking Technology 10/100 Pan/Tilt/Zoom Network Cameras

The Net-Vision™ Wired Network cameras are high performance stand-alone camera systems with built-in CPUs and web servers, thereby providing an ideal solution for remote monitoring, surveillance, or sending live video over the internet. The cameras allow remote access and management from anywhere in the world via the internet or an existing LAN. They support the 10/100Mbps wired fast ethernet standard, and as a result, the cameras can stream live video at up to 30 frames per second. Included with the camera is a powerful management and control software application that features playback, recording, and other functions. The camera can also be utilized in mixed operating environments that include Windows, Mac, UNIX, and Linux systems. They offer a broad array of applications and can be used to monitor various critical locations such as homes, offices, banks, schools, childcare centers, hospitals, and other industrial and public areas.

Fig.	Order #	Mfr. #	(1-9)	(10-up)
A	82-11295	HNC300	$129.00	$124.00
B	82-11300	HNC210	94.95	90.95

NET 30 Terms
Order Toll Free 1-800-543-4330 Fax 1-800-765-6960

Bullet Cameras

Swann
Weatherproof Day/Night Color Bullet Camera with IR LEDs

The Swann Maxi Day/NightCam features a Sony SuperHAD ½" CCD image sensor and 420TVL resolution in a compact, vandal-resistant aluminum housing. The integrated day/night capability and versatile wall/ceiling mounting bracket make it easy to install. **Specifications:** •420TVL resolution •6.5mm lens •1.0 lux (0.0 lux with 24 IR LEDs on) •60' night time IR range •CDS light sensor •Aluminum construction. Includes swivel mount, power adaptor, and BNC to RCA adaptor. **Power:** 12VDC, 500mA. **Output:** 1V p-p, 75ohm (RCA) •Mfr. #SW-C-MDNC

Order #	(ea.)
82-11870	$119.00

Swann
Weatherproof Day/Night Color Bullet Camera with IR LEDs

Day/night bullet camera features color CMOS image sensor in a weatherproof casing. **Specifications:** •8.5mm lens •3.0 lux (0.0 lux with 11 IR LEDs on) •6' night time IR range •CDS light sensor •Aluminum construction. Includes swivel mount, power adaptor, and 70' cable with RCA connector. **Power:** 12VDC, 300mA. **Output:** 1V p-p, 75ohm (RCA) •Mfr. #SW-D-DODC

Order #	(ea.)
82-11815	$69.95

Swann
Weatherproof Day/Night Color Bullet Camera with IR LEDs

The Swann BulldogCam is a full-featured, indoor/outdoor, day/night bullet camera featuring a ¼" color CCD image sensor in a weatherproof casing. **Specifications:** •420TVL resolution •6.5mm lens •1.0 lux (0.0 lux with 12 IR LEDs on) •30' night time IR range •CDS light sensor •Aluminum construction •Includes swivel mount, power adaptor, and BNC to RCA adaptor **Power:** 12VDC, 500mA **Output:** 1V p-p, 75ohm (RCA) •Mfr. #SW-C-BDOGC

Order #	(ea.)
82-11865	$99.95

Swann
Weatherproof Color Bullet Camera

The Swann BulletCam is a compact, color, weatherproof security camera with a tough, cylindrical metal casing ideal for both indoor and outdoor applications. **Specifications:** •¼" Sharp CCD •420TVL resolution •6.5mm lens •2.0 lux •Auto BLC •Aluminum construction. Includes swivel mount, power adaptor, 30' cable and BNC to RCA adaptor. **Power:** 12VDC, 500mA. **Output:** 1V p-p, 75ohm (RCA) •Mfr. #SW-C-CCBC

Order #	(ea.)
82-11895	$89.95

DEFENDER SECURITY
Weatherproof Bullet Cameras

Ideal for outdoor and covert applications, these ultra-compact bullet cameras feature a rugged aluminum case and excellent low-light sensitivity. **Specifications:** •3.6mm lens •92° angle of view •Automatic back light compensation and built-in auto iris •Adjustable swivel base **Power:** 12VDC, 100mA. **Note:** Adaptor not included (use #82-3950). Output: 1V p-p, 75ohm (BNC).

Order #	Lens Type	Resolution	Format	Lux Rating	(ea.)
Black and White					
82-11455	Standard	420 lines	⅓"	0.1	$59.95
82-11456	Pinhole	420 lines	⅓"	0.1	59.95
Color					
82-11460	Standard	420 lines	¼"	0.5	79.95
82-11461	Pinhole	420 lines	¼"	0.5	79.95

DEFENDER SECURITY
Wide Angle Weatherproof Bullet Cameras

Take advantage of an incredible 170° field of view from these outdoor, weatherproof bullet cameras. Features include a ⅓" DSP CCD image sensor, automatic gain control, low light sensitivity and a compact, rugged aluminum case. **Specifications:** •2.2mm lens •Adjustable swivel base **Power:** 12VDC, 100mA. **Note:** Adaptor not included (use #82-3950). **Output:** 1V p-p, 75ohm (BNC).

Order #	Description	Resolution	Lux Rating	(ea.)
82-11465	Black and white	420 lines	0.1	$79.95
82-11466	Color	420 lines	0.5	119.00
82-11467	Color	480 lines	0.5	159.00

DEFENDER SECURITY
Weatherproof Day/Night Cameras

⅓" Super HAD color CCD produces 400 lines of resolution with a minimum sensitivity of 0.1 lux. 4.3mm lens provides approximately 70° angle of view. Camera provides full color images in daylight conditions and switches to black and white in nighttime conditions. In night mode the camera is sensitive to IR light and virtually sees in the dark. **Specifications:** Power: 12VDC (adaptor included). Video: 1V p-p, 75ohm.

Order #	Diameter	LEDs	Distance	(ea.)
82-9425	50mm	24	30'	$169.00
82-9435	94mm	104	60'	199.00

DEFENDER SECURITY
Weatherproof Night View Cameras

⅓" Super HAD black and white CCD produces 430 lines of resolution with a minimum sensitivity of 0.03 lux. 4.3mm lens provides approximately 70° angle of view. When the light condition falls below 10 lux the built in CDS sensor turns on the IR illumination allowing the camera to virtually see in the dark. **Specifications:** Power: 12VDC (adaptor included). Video: 1V p-p, 75ohm.

Order #	Diameter	LEDs	Distance	(ea.)
82-9440	50mm	24	30'	$119.00
82-9445	69mm	56	45'	129.00
82-9450	94mm	104	60'	159.00

DEFENDER SECURITY
Waterproof B&W Bullet Camera

⅓" Sony CCD bullet cameras feature IP67 waterproof rated housing and ultra-compact lipstick-case size. Choose from either low light sensitivity, or ultra high resolution. **Specifications:** •3.7mm lens •Electronic shutter •Automatic gain control •Adjustable swivel base **Power:** 12VDC, 300mA. **Note:** Adaptor not included (use #82-3950). **Output:** 1V p-p, 75ohm (BNC).

Order #	Resolution	Image Sensor	Lux Rating	(ea.)
82-11440	600 lines	Sony SuperHAD	0.05	$99.00
82-11441	420 lines	Sony ExView	0.0003	99.00

DEFENDER SECURITY
Weatherproof Color Bullet Cameras w/Varifocal Lens

This all-in-one bullet camera features a ⅓" CCD image sensor, 0.5 lux low light sensitivity, high resolution and an externally adjustable 4.0~9.0mm varifocal lens. Improve your field installtion time, increase your application flexibility, and reduce your inventory of multiple lens types. Other features include automatic gain control, a rugged, waterproof, aluminum casing with sunshield, and a sturdy swivel base. **Power:** 12VDC, 300mA. **Note:** Adaptor not included (#82-3950). Output: 1V p-p, 75ohm (BNC).

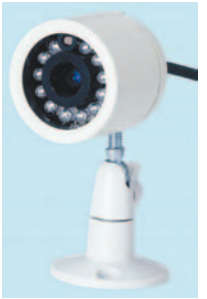
Order #	CCD/Resolution	(1-4)
82-11470	Sharp 420tvl	$149.00
82-11471	Sony SuperHAD 520tvl	189.00

DEFENDER SECURITY
Waterproof High Resolution Color Bullet Camera with Digital PTZ

⅓" Sony Super HAD CCD bullet camera features unique digital pan/tilt and zoom function in a compact IP67 waterproof rated housing. Use the remote control accessory (#82-11450), or your DRV RS-485 (Pelco-D) interface to manipulate both telephoto and wide angle zoom settings, and the pan and tilt angle. **Specifications:** •520TVL •4.0~8.0mm fixed iris varifocal lens •1.0 lux •Digital 3x zoom •Includes swivel mount **Power:** 12VDC. **Output:** 1V p-p, 75ohm (BNC).

Order #	Color	(1-4)
82-11445	Color camera	$199.00
82-11450	Remote control	29.95

DEFENDER SECURITY
Weatherproof Day/Night Bullet Camera with IR LEDs



Day/night bullet camera features a ⅓" Sony Super-HAD CCD image sensor in a versatile IP68 waterproof rated housing. **Specifications:** •0.3mm lens •0.0 lux with 12 IR LEDs on •25' night time IR range •Auto electronic shutter • Automatic white balance. Includes swivel mount **Power:** 12VDC, 300mA. **Note:** Power adaptor not included (#82-3950). **Output:** 1V p-p, 75ohm (BNC).

Order #	Description	Resolution	(1-4)
82-11483	Black and white	420TLV	$89.00
82-11484	Color	380TLV	109.00

Bullet Cameras

Swann Weatherproof Long-Range Color Day/Night IR Camera

The Swann MegaFlood is the ultimate heavy-duty day/night camera. It features a Sony ⅓" color CCD image sensor, 420TVL resolution and night time IR range of up to 160' all within a rugged aluminum housing. **Specifications:** •420TVL resolution •6.5mm lens •1.0 lux (0.0 lux with 44 IR LEDs on) •160' night time IR range •AGC, AWB, and BLC •Aluminum construction. Includes power adaptor, and BNC to RCA adaptor. **Power:** 12VDC, 500mA. **Output:** 1V p-p, 75ohm (BNC) •Mfr. #SW-C-MFC

Order #	(ea.)
82-11880	$269.00

Defender Security Waterproof Color Day/Night Bullet Camera with IR LEDs

Color day/night bullet camera features a ⅓" Sony Super HAD CCD image sensor in a versatile IP66 waterproof rated housing w/sunshield. **Specifications:** •6mm lens •0.0 lux with 24 IR LEDs on •45' night time IR range •Auto electronic shutter •Automatic white balance. Includes swivel mount. **Power:** 12VDC, 300mA. **Note:** Adaptor not included (use #82-3950). Output: 1V p-p, 75ohm (BNC).

Order #	Resolution	(1-4)
82-11480	420TLV	$149.00
82-11481	520TLV	179.00

speco technologies Waterproof Color Day/Night Bullet Camera with IR LEDs

¼" color day/night bullet camera with ten IR LEDs and CDS sensor for excellent nighttime operation. **Specifications**: •420 line resolution, minimum 1.0 lux (daylight) and 0 lux with IR •4.0mm board lens •Built-in backlight compensation and automatic gain control •Internal synchronization •Mounting bracket •Plastic waterproof housing •Power: 12VDC, 250mA (adaptor included) •Output: 1V p-p, 75ohm

Order #	Mfr. #	(ea.)
82-10575	VL-62	$119.00

speco technologies Weatherproof Color Day/Night Bullet with DC Auto Iris

High resolution ⅓" color CCD bullet camera with Sony ExView image sensor and mechanical IR filter removal. The weatherproof, indoor/outdoor, steel housing includes built-in heaters and the integrated mounting bracket conceals the cable for extra security. **Specifications:** •480 line resolution minimum .03 lux •DC auto iris 5~50mm vari-focal lens •Turbo automatic gain control •Automatic back lighting •Pre-set auto exposure settings •Non-condensing coated glass •Silver housing •Output: 1V p-p, 75ohm •Power: 12VDC or 24VAC operational •Adaptor not included (#82-3950)

Order #	Mfr. #	(ea.)
82-10585	CVC-550EX	$579.00

Defender Security Waterproof Color Day/Night Bullet Camera with IR LEDs

Color Day/Night bullet camera features a ⅓" Sony Super HAD CCD image sensor and DSP circuit for improved image quality. Versatile IP66 waterproof rated housing with sunshield incorporates standard ¼" - 20 threads on both top and back for easy mounting. (mount not included) **Specifications:** •420TVL •3.6mm lens •.5 lux/0.0 with 24 IR LEDs •30' night time IR range •Electronic shutter •Automatic white balance. Power: 12VDC, 300mA. **Note:** Power adaptor not included (#82-3950). Output: 1V p-p, 75ohm (BNC).

Order #	(1-4)
82-11365	$109.00

Defender Security Weatherproof Long-Range High Resolution Day/Night IR Camera

View objects in color during daylight hours and up to 60' away at night with 36 IR LEDs that activate a black and white image at dusk for nighttime surveillance. High resolution ½" Sony Super HAD Color CCD image sensor features 520TVL resolution, a low minimum sensitivity of 0.1 lux, a 6mm lens, and both automatic electronic shutter and automatic gain control. Long lasting IP66 rated aluminum housing with sunshield and internal cooling fan for operation in temperatures from 14°F~110°F. **Power:** 110VAC, 10W. **Output:** 1V p-p, 75ohm (BNC). Dimensions: 10.2" (L) x 4.0" (W) x 4.0" (H)

Order #	(1-4)
82-11525	$169.00

speco technologies ExView® Color Day/Night Bullet with Externally Adjustable Varifocal Lens

Specifically designed for fast and accurate installation, the time-saving HT-7815DNV makes all the critical settings accessible on the outside of the housing. It also includes a UTP connection/balun for Cat 5e video, in addition to coax. **Features:** •½" Sony ExView color CCD image sensor with 470TVL resolution •Externally adjustable DC auto iris 4mm~9mm vari-focal lens •Lux level dip switches •Video test connector for easy field adjustments •25 IR LEDs (approx. 100' range) with mechanical IR cut filter •Split glass technology to avoid IR reflections •Controls for BLC, ELC, F/L and L/L •Non-condensing, anti-glare coated glass •Silver housing •Weatherproof, indoor/outdoor, steel housing •Built-in heater •Integrated mounting bracket conceals cable **Output:** 1V p-p, 75ohm. **Power:** 12VDC or 24VAC operational. Adaptor not included (#82-3950).

Order #	Mfr. #	(ea.)
82-11705	CVC-7815DNV	$459.00

speco technologies Weather Proof Color CCD Bullet Camera with Sun Shield

¼" color CCD camera sensitive to 1 lux. 330 lines of resolution. Built–in 3.6mm wide angle lens. Video out: RCA female. Mfr. #CVC-635CR.

Order #	(ea.)
82-3635	$149.00

speco technologies Weatherproof Intensifier Color Day/Night Bullet Cameras

High resolution ⅓" color camera with double-speed Sony Super-HAD image sensor amplifies and maximizes existing light to generate pictures where other cameras cannot. Available in standard, or IP versions. **Specifications:** •540TVL resolution •Includes auto iris varifocal lens •WDR adjustment for challenging back light situations •DSP and DNR controls to maximize picture quality •OSD controls to easily set camera functions •Minimum .002 lux (sense-up) •ATW, AWC, and manual white balance •Internal synchronization •Accepts C/CS mount lenses **Power:** 12VDC/24VAC (dual voltage). Output: 1V p-p, 75ohm. See www.mcmelectronics.com for details.

Order #	Mfr. #	Internal IP Server	Varifocal Lens	(ea.)
82-12200	HT-INTB1	No	3.0~9.0mm	$629.00
82-12201	HT-INTB2	No	5.0~50.0mm	659.00
82-12215	IP-INTB1	Yes	3.0~9.0mm	769.00
82-12216	IP-INTB2	Yes	5.0~50.0mm	799.00

speco technologies ExView® Weatherproof Color Day/Night Bullet with Built-in IR Illuminators

High resolution ⅓" color CCD bullet camera with Sony ExView image sensor and DC auto iris vari-focal lens. **Features:** •Split glass technology to avoid IR reflections •Weatherproof, indoor/outdoor, steel housing •Built-in heater •Integrated mounting bracket conceals cable •Lux level dip switches •Video test connector for easy field adjustments. **Specifications:** •470TVL resolution •Minimum .03 lux •DC auto iris 4~9mm vari-focal lens •60' range with 11 built-in IR LEDs photoconductive CDS sensor •Controls for BLC, ELC, F/L and L/L •Non-condensing, anti-glare coated glass •Available in silver or white housing. **Output:** 1V p-p, 75ohm. **Power:** 12VDC or 24VAC operational. Adaptor not included (#82-3950).

Order #	Mfr. #	Color	(ea.)
82-11695	CVC-7715DNV	Silver	$399.00

speco technologies Waterproof Color Bullet Day/Night Camera with IR LEDs

¼" color CCD camera engineered to withstand underwater operation. **Specifications:** •350 line resolution •1.0 lux (LEDs off) 0 lux (LEDs on) •3.6mm lens •Automatic gain control •Automatic back lighting •Electronic iris •Electronic shutter speed 1/60~1/100,000 second •12 LEDs •Controlled by CDS sensor •45' range •Silver housing •Output: 1V p-p, 75ohm •Power: 12VDC regulated power supply included (UL/CSA approved).

Order #	Mfr. #	(ea.)
82-10595	CVC-627	$199.00

NET 30 Terms
Order Toll Free 1-800-543-4330 Fax 1-800-765-6960

Bullet Cameras

Weatherproof Camclosure™ Wall/Ceiling Color Camera

Quick and easy to install, the Camclosure #ICS-300 camera is ideal for residential, office, school, and other medium-security installations subject to vandalism. **Specifications:** •Fully-integrated enclosure with camera and lens •⅓" interline CCD image sensor •350TVL resolution •3.6mm lens •NEMA 4x/IP66 outdoor rating. **Power:** 12VDC and 24VAC (dual voltage). **Output:** 1V p-p, 75ohm (BNC).

Order #	(ea.)
ICS310-CA3.6	$289.00

Color Bullet Camera

Miniature color bullet camera has a built-in 4mm lens and EXview™ technology. It is the smallest of the bullet cameras included in the H.E.A.T. line offering the same high quality technology. The miniature CVC-637EX features a 470 line ultra high resolution with a 0.03 lux light sensitivity. Additional benefits of this uniquely miniature bullet include low smear level, which prevents glare in dark conditions, pre-set auto exposure, and turbo AGC (automatic gain control). It is also waterproof and ideal for outdoor as well as indoor applications. Mfr. #CVC-637EX.

Order #	(1-4)	(5-up)
82-8970	$249.00	$239.00

Color Bullet Camera with Auto Iris Lens

Color bullet camera has a built-in 4.3mm auto iris lens. It features EXview™ technology and a 470 line ultra high resolution with a 0.03 lux low light sensitivity. It also has low smear level, which prevents glare in dark conditions, pre-set auto exposure, and turbo AGC (automatic gain control). The dark gray housing is also weatherproof. A 12VDC power supply is included. Mfr. #CVC-820EX. **Limited quantities.**

Order #	(ea.)
82-8985	$339.00

Ceiling Mount Camera

Black and white ⅓" CCD ceiling mount camera housed in black 18 gauge steel, #82-2835 is completely waterproof. **Specifications:** Image device: ⅓" CCD, built-in electronic shutter. Resolution: 380 lines. Video output: 1.0V p-p, 75ohm via RCA connector. Power 12VDC, 150mA with supplied adaptor. Housing: Steel.

Order #	Mfr. #	Lens Type	Focal Length	(ea.)
82-2835	CVC-130R	Standard	3.6mm	$112.00
82-2240	CVC-120PH	Pinhole	3.6mm	107.00

Color Bullet Camera w/Auto Iris Vari–Focal Lens

Color varifocal bullet camera has an adjustable 4~9mm auto iris lens and EXview™ technology. The CVC-870EX features ultra high 470 line resolution with a 0.03 lux, F 1.2 and weatherproof housing, making it suitable for day and night, as well as indoor and outdoor operation. This camera includes pre–set auto exposure settings, a low smear level preventing glare in dark conditions, and turbo automatic gain control. The included mounting installation package makes the camera ceiling, surface, or wall ready. A 12VDC power supply is included. Mfr. #CVC-870EX.

Order #	(1-4)	(5-up)
82-8990	$435.00	$425.00

Weatherproof Color Day/Night Bullet with Built In IR Illuminators

High resolution ⅓" color CCD bullet camera with Sony ExView image sensor and DC auto iris. The weatherproof, indoor/outdoor, steel housing includes built-in heaters and the integrated mounting bracket conceals the cable for extra security. **Specifications:** •480 line resolution minimum .03 lux •DC auto iris 4~9mm vari-focal lens •Up to 75' range controlled by photo-conductive CDS sensor •Automatic gain control •Automatic back lighting •Pre-set auto exposure settings •Non-condensing, anti-glare coated glass •Silver housing •Output: 1V p-p, 75ohm •Power: 12VDC or 24VAC operational. •Adaptor not included (#82-3950)

Order #	Mfr. #	(ea.)
82-10620	CVC-7706DNV	$549.00

Weatherproof Camera with Housing

Black and white weatherproof camera with protective housing for outdoor observation applications. **Specifications:** Image device: ⅓" CCD. Synchronization: Internal. Resolution: 380 lines horizontal. Illumination: 0.5 lux minimum. Shutter: Electronic. Lens: 4.3mm, 78° viewing angle. Video output: 1.0V p-p, 75ohm. Power: 12VDC, 160mA. Dimensions: 1½" (W) x 1⅝" (H) x 4" (D).

Order #	Mfr. #	(ea.)
82-5830	CVC-1700	$139.00
82-5840	CVC-1700W	126.00

Weather Resistant Bullet Cameras with Varifocal Lens

These cameras feature an adjustable varifocal lens (4mm~8mm) and are great choices for adaptable focal settings. Both cameras are furnished with a protective sunshield, adjustable mounting bracket, RCA/BNC adaptor, and UL listed 12VDC power supply. **Specifications:** Image device: ⅓" CCD. Synchronization: Internal. Resolution: 380 lines horizontal. Video output: 1.0V p-p, 75ohm. Power: 12VDC, 160mA. Dimensions: 4¼" x 1¾" x 3½".

Order #	Mfr. #	Description	Lux Rating	(ea.)
82-7205	CVC-1705	B&W	0.5 lux	$213.00
82-7210	CVC-6705	Color	2.0 lux	239.00

Waterproof CCTV Camera

The CVC-320WP black and white camera is ideal for any outdoor application. The camera features six LEDs which enables optimal viewing in a variety of lighting conditions. The camera has a 3.6mm wide angle lens, built in electronic iris. Can operate submerged to a depth of 60'. Mfr. #CVC-320WP.

Order #	(ea.)
82-3610	$159.00

Color Bullet Camera Kits

Designed for the "Do-It-Yourselfer", this kit comes complete with the camera, power supply and 30' cable. Cameras feature ½" color CMOS image devices that produce 330 lines of resolution with a minimum illumination of 3.0 lux. Built-in 6.0mm wide angle lenses, automatic white balance and automatic gain control. Operates on 9VDC with supplied adaptor. Connects to any television, VCR or monitor with an RCA type video input.

Order #	(kit)
82-8505	$99.95

Compact Black and White Bullet Camera w/Sunshield

Weatherproof camera with sunshield to help prevent lens flair. Built-in 3.6mm lens provides approximately 90° viewing angle. ⅓" CCD image device produces 420 lines of resolution with a minimum resolution of 0.05 lux. . **Specifications:** Output: 1V p-p, 75ohm. Power: 12VDC, adaptor not included (#82-3950).

Order #	(ea.)
82-8370	$99.95

Indoor/Outdoor Weatherproof Security Cameras

The weatherproof SCE1 and SCE2 are outdoor security cameras in a weatherproof assembly. Unlike existing ball cameras, these cameras are adjustable a full 360° horizontally and 180° vertically. Perfect for any residential security/monitoring application. **Specifications:** ½" CCD image device. Lens: SCE1: 3.7mm lens, SCE2: 3.6mm lens. Resolution: SCE1: 430 lines, SCE2: 420 lines. Power: 12VDC, 500mA via included adaptor. White housing.

Order #	Mfr. #	Description	(ea.)
82-6830	SCE1	B&W camera	$114.00
82-6840	SCE2	Color camera	149.00

Power Splitter "Y" Adaptors

Connect two cameras to a single power supply. Single female 5.5 x 2.1mm to two male 5.5 x 2.1mm.

Order #	Length	(ea.)
24-5355	12"	$1.95
24-5360	24"	2.19

Ceiling/Ball Cameras

speco technologies Miniature Weatherproof Ball Cameras

Miniature weatherproof ball cameras adjust to all angles. Features include ⅓" CCD camera, 3.6mm wide angle lens, built–in electronic shutter, internal sync, and 12VDC power supply, and self contained mounting bracket. Dimensions are 2¾" diameter x 4¼" high. Video output: 1.0V p-p, 75ohm via RCA female connector. Power requirements: 12VDC with included adaptor.

Order #	Mfr. #	Minimum Illumination	Lines of Resolution	Housing Color	(ea.)
Black and White Miniature Ball Cameras					
82-7905	CVC-345BCB	0.5 lux	380 lines	Black	**$107.00**
Color Miniature Ball Cameras					
82-7910	CVC-570BC	1.0 lux	330 lines	White	**235.00**

speco technologies Weatherproof Ball Color Camera

All weather indoor/outdoor pivoting ball camera with built in electronic iris, high-speed electronic shutter and 3.6mm wide-angle lens. **Specifications: Color:** ⅓" CCD. Resolution: 400 lines. Minimum illumination: 2.0 lux. Video output: 1.0V p-p, 75ohm via RCA connector. Power: 12VDC, 275mA with supplied adaptor. Housing: Weatherproof ABS plastic. No audio. Mfr. #CVC-575BL.

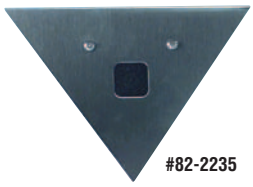
Order #	(ea.)
82-2885	**$235.00**

speco technologies Color Vandal Resistant Flush Mount Dome Camera

Color vandal resistant dome camera with ⅓" CCD image sensor features 18 gauge tamper-resistant stainless steel, white housing. **Specifications:** •380 line resolution, minimum 1.0 lux •3.7mm manually adjustable lens •Internal synchronization •Power: 12VDC, 250mA (adaptor included) •Output: 1V p-p, 75ohm

Order #	Mfr. #	(ea.)
82-10610	CVC-649FM	**$199.00**

#82-930



#82-2235

speco technologies Black and White Cameras

⅓" CCD cameras in 18AWG steel or ABS plastic housings designed to fit most installations like offices, hallways, lobbies and building exterior. Camera produces 400 lines of resolution with a minimum illumination of 0.1 lux. Includes 3.6mm wide angle lens. 18 gauge steel housings are weatherproof for outdoor applications. Video output: 1V p-p, 75ohm via RCA type connector. Power: 12VDC, 150mA with supplied adaptor.

Order #	Mfr. #	Description	(ea.)
82-930	CVC-95AM	Stainless steel wall mount	**$139.00**
82-2235	CVC-105CM	Stainless steel corner mount	**159.00**

DEFENDER Micro Dome Cameras

These flush mounted micro dome cameras measure an incredible 46.5mm in diameter. **Black and white:** ⅓" CCD produces 420 lines of horizontal resolution with a minimum illumination of 0.05 lux. **Color:** ⅓" CCD produces 380 lines of horizontal resolution with a minimum illumination of 1.0 lux. **Specifications:** Output: 1V p-p, 75ohm. Power: 12VDC, 100mA. Adaptor not included (#82-3950).

Order #	Description	(ea.)
Black and White		
82-7575	Black case	**$119.00**
Color		
82-7590	Silver case	**189.00**

DEFENDER Color Day/Night IR Dome Camera with 3x Zoom Lens

Indoor color dome camera features ⅓" Sony Super HAD CCD image sensor with a 3x digital zoom (#82-11431 only), CDS sensor, sturdy aluminum construction, and 12 IR LEDs for exceptional day/night performance. Use with ceiling stand-off collar (included), or flush mount in-ceiling. Manually adjustable ball-socket design (pan 360°/tilt 70°), plus 3x digital zoom saves on-site installation time and money. Remote control telephoto/wide angle zoom using a DVR with Pelco-D (RS-485) protocol, or using the field-install remote control accessory (#82-11450). **Specifications:** •0 lux (LEDs on) •Digital 3x zoom •3.7mm lens •92° angle of view •Max. 30' illumination distance **Power:** 12VDC. **Output:** 1V p-p, 75ohm (BNC).

Order #	Resolution	3x Zoom	(1-4)
82-11430	420 lines	w/o zoom	**$149.00**
82-11431	520 lines	w/ zoom	**179.00**
Remote Control for #82-11431 (3' length w/ RCA)			
82-11450			**29.95**

Dome Cameras

DEFENDER Color Day/Night Vandal Resistant Dome Camera w/IR LEDs

⅓" Sony Super HAD CCD with nighttime infrared illumination up to 25'. Versatile IP66 waterproof rated wall mount housing features sturdy aluminum construction. DSP circuit for improved image quality. **Specifications:** •420 line resolution •3.6mm lens •.5 lux/0.0 lux (w/IR LEDs on) •12 IR LEDs •Electronic shutter •Automatic white balance. Power: 12VDC, 300mA. **Note:** Power adaptor not included (#82-3950). Output: 1V p-p, 75ohm (BNC).

Order #	(1-4)
82-11355	**$109.00**

DEFENDER Color Vandal Resistant Dome Camera w/Varifocal Lens

⅓" Sony Super HAD CCD image sensor with 3.5~8mm varifocal lens in a versatile IP66 waterproof rated wall mount housing. DSP circuit for improved image quality. Sturdy aluminum constructed housing easily mounts to walls with included anchors and screws. **Specifications:** •420 line resolution •.5 lux •Electronic shutter •Automatic white balance •Power: 12VDC, 300mA. **Note:** Adaptor not included (#82-3950). Output: 1V p-p, 75ohm (BNC).

Order #	(1-4)
82-11360	**$119.00**

DEFENDER Wall Mounted Dome Camera

Vandal resistant poly–carbonate domes and a unique wall mount design. Black and white camera features a ⅓" CCD producing 420 lines of resolution and 250,000 pixels. Excellent light sensitivity to 0.01 lux. Color camera features a ¼" color CCD producing 380 lines of resolution and 290,000 pixels. Excellent light sensitivity to 0.1 lux. Output: 1V p-p, 75ohm. Input voltage: 12VDC, 120mA. Adaptor not included (#82-3950).

Order #	Description	(1-4)
82-7025	Black and white	**$79.95**
82-7030	Color	**149.00**

speco technologies Color Dome Camera with Black Housing

¼" color CCD image sensor dome camera provides a crisp picture under normal lighting conditions. Fully adjustable both horizontally and vertically. **Specifications:** •350 line resolution, minimum 1.0 lux •3.6mm lens •Internal synchronization •Power: 12VDC, 100mA •Adaptor not included (#82-3950) •Output: 1V p-p, 75ohm (BNC)

Order #	Mfr. #	(ea.)
82-10600	CVC-644DC	**$99.95**

Dome Cameras

DEFENDER SECURITY — NEW
Mini Vandal Resistant Ball-Socket Dome Camera

Quickly rotate pivoting "eyeball" lens to desired viewing angle. Small size easily mounts to ceilings, or walls, and the rugged, aluminum, vandal resistant, IP66 weatherproof housing withstands demanding environments. **Specifications:** •⅓" Sony Super HAD CCD with 420 line resolution •3.6mm lens •0.2 lux •Automatic gain control •Automatic white balance •Only 3" (W) x 2.25" (H) •Housing color: White •Power: 12VDC **Note:** Adaptor not included (#82-3950). Output: 1V p-p, 75ohm (BNC).

Order #	(1-9)
82-12165	$99.00

DEFENDER SECURITY — NEW
High Resolution Day/Night Vandal Resistant Color Dome Camera with Varifocal Lens

Extremely versatile weatherproof color dome camera with ⅓" Sony Super-HAD CCD image sensor, 540TVL resolution, ultra low illumination (.002 lux w/sens-up), 3.8~9.5mm auto iris varifocal lens, and 12VDC or 24VAC switchable power. Features digital noise reduction (DNR) to improve nighttime image, and an on-screen display (OSD) menu to set-up a wide variety of functions, including motion detection with privacy masking (four programmable zones), mirror imaging, white balance, shutter speed, synchronization, and gain control. Also features a spot monitor connection on the PCB to connect a field-test monitor (#82-11545) •Power: 12VDC/24VAC switchable •Output: 1V p-p, 75ohm (BNC).

Order #	(1-9)
82-12160	$199.00

speco technologies
Vandal Resistant High Resolution Color Dome Camera

This fully tamper proof color dome camera features a ⅓" Sony Super-HAD CCD image sensor, and a unique internal 3 way camera bracket, which facilitates wall or ceiling mounting, and keeps tools and hardware away from the camera electronics. It can be flush or surfaced mounted using the supplied surface mount adaptor box. The CVC-7WMTDV is supplied with a tinted and clear "lined" dome to accommodate a wide range of lighting conditions. The safety strap holds the dome cover in place while making adjustments. It is conduit compatible and fits over a standard 2-gang box. **Specifications:** •480 line resolution, minimum 0.3 lux •DC auto iris 4~9mm vari-focal lens •Automatic backlight compensation •Power: 24VAC or 12VDC •500mA power supply (UL & CSA listed) included •Output: 1V p-p, 75ohm (BNC)

Order #	Mfr. #	(ea.)
82-10625	CVC-7WMTDV	$439.99

DEFENDER SECURITY
5" 4~9mm Varifocal Dome Cameras

Set-up is quick and easy with the Defender varifocal dome cameras. Simply install the camera to an electrical box or a wall mount bracket, adjust the focus and your ready to go. This flexible solution is an ideal addition to your CCTV system. They feature Sony ⅓" Super-HAD CCD chips which give them features that security professionals demand. **Specifications:** 0.01 lux., auto back light compensation, 270K pixel 400 TVL, electronic iris, 4.0~9.0mm adjustable lens, RCA 1.0V p-p, 75ohm **Power:** 12VDC, 500mA. **Note:** Adaptor not included (#82-3950).

Order#	Description	(1-5)
82-10140	Black and white	$69.00
82-10145	Color	134.00
82-10150	Wall mount bracket	59.95

DEFENDER SECURITY
Color Vandal Resistant Dome Camera w/Varifocal Lens

Color vandal resistant dome camera with ⅓" sharp CCD image sensor and 3.5~9.0mm auto iris varifocal lens features an impact resistant polycarbonate cover to protect camera in high risk areas and a rugged weatherproof (IP65), silver colored aluminum housing. **Specifications:** •420 line resolution, minimum .8 lux •Internal synchronization •Power: 12VDC/24VAC switchable. Includes ceiling mount bracket. Output: 1V p-p, 75ohm (BNC).

Order #	(1-9)
82-10775	$149.00

DEFENDER SECURITY
Color High Resolution Dome Camera w/Varifocal Lens

Indoor color dome camera features ½" Sony Super HAD CCD image sensor, easy to adjust 3-axis gimbel, 4.0~8.0mm auto iris varifocal lens with precision aspherical lens to improve focusing. **Specifications:** •520 line resolution •Minimum 0.8 lux •Internal synchronization •**Power:** 12VDC (use adaptor #82-3950). **Output:** 1V p-p, 75ohm (BNC).

Order #	(1-4)
82-11435	$169.00

speco technologies
Color Vandal Resistant Dome Camera

Color vandal resistant dome camera with ½" Sony Super HAD CCD image sensor features an impact resistant cover, a liner to conceal camera, and a metal base. **Specifications:** •420 line resolution, minimum .05 lux •3.6mm board lens •Internal synchronization •Power: 12VDC, 250mA (adaptor included). Output: 1V p-p, 75ohm (BNC).

Order #	Mfr. #	(ea.)
82-10605	CVC-647TP	$159.00

speco technologies
Color Indoor Day/Night Dome Camera

⅓" Sony Super HAD CCD color dome camera with special anti-reflection technology to eliminate IR reflections. Medium, or high resolution, indoor, ceiling-mount dome cameras include wall-mount adaptor, and feature flexible 360° manual rotation with a tilt angle of +/- 90°. **Specifications:** •420TLV, or 540TVL resolution, minimum 1.0 lux (with IR off), 22 IR LEDS with effective range of 60' •3.6mm board lens, or auto iris vari-focal 4-9mm •Internal synchronization, AGC, BLC. **Power:** 12VDC, 250mA (adaptor included). **Output:** 1V p-p, 75ohm (RCA with BNC adaptor included).

Order #	Mfr. #	Resolution	Lens	(ea.)
82-11710	VL-648IR	420	3.6mm	$119.00
82-11711	VL-648IRVF	420	4.0-9.0mm	159.00
82-11715	CVC-648IRHQ	540	3.6mm	199.00
82-11716	CVC-648IRVFHQ	540	4.0-9.0mm	219.00

speco technologies
Color Outdoor Day/Night Dome Camera

⅓" Sony Super HAD CCD color dome camera with IP67 rated housing, and special anti-reflection technology to eliminate IR reflections. Medium, or high resolution, outdoor, ceiling, or wall-mount dome camera feature tamperproof construction and multi-function dip switches for precise camera adjustment. **Specifications:** •420TLV, or 540TVL resolution, minimum 0.1 lux (with IR off), 22 IR LEDS with effective range of 60' •3.6mm board lens, or auto iris vari-focal 4.0-9.0mm •Internal synchronization, AGC, BLC •Available in silver, or white color **Power:** 12VDC, 250mA (adaptor included). **Output:** 1V p-p, 75ohm (RCA with BNC adaptor included)

Order #	Mfr. #	Color	Resolution	Lens	(ea.)
Cameras					
82-11720	VL-650IR/S	Silver	420	3.6mm	$199.00
82-11721	VL-650IR/W	White	420	3.6mm	199.00
82-11725	VL-650IRVF/S	Silver	420	4.0mm~9.0mm	229.00
82-11726	VL-650IRVF/W	White	420	4.0mm~9.0mm	229.00
82-11730	HT-650IRVFHQ/S	Silver	540	4.0mm~9.0mm	289.00
82-11731	HT-650IRVFHQ/W	White	540	4.0mm~9.0mm	289.00

Order #	Mfr. #	Description	(ea.)
Accessories			
82-11735	650WMT/S	Silver wall mount	$59.95
82-11736	650WMT/W	White wall mount	59.95
82-11740	650CMT/S	Silver ceiling mount	59.95
82-11741	650SMT/W	White ceiling mount	59.95
82-11745	650BMT/S	Silver junction box	29.95
82-11746	650BMT/S	Silver junction box	29.95

speco technologies
Vandal Resistant Color Dome Camera with Auto Iris Varifocal Lens

This rugged, weatherproof, high impact vandal resistant ½" color dome camera can withstand blows from a 10 lb. sledge hammer! The camera can look straight down a wall with no loss of coverage. Unique internal 3 way camera bracket facilitates wall or ceiling mount and keeps tools and hardware away from the camera electronics. **Specifications:** •420 line resolution, minimum 1.0 lux •Auto iris 4~9mm vari-focal lens •Built-in electronic iris •Automatic backlight compensation • Automatic white balance •Power: 12VDC 500mA power supply (UL & CSA listed) included •Output: 1V p-p, 75ohm (BNC)

Order #	Mfr. #	(ea.)
82-10665	VL-6WMTDV	$219.00

Dome Cameras

SANYO
OnePak™ Color Dome Camera Kits

Sanyo's OnePak™ solutions are an innovative way to help minimize your installation costs. Each package integrates a high resolution camera with a varifocal lens housed in a 6", in-ceiling mount, smoked dome housing. 2.8~12mm varifocal lens aavailable with black or white trim rings. **Other features include:** Innovative 3-pivot camera adjustment system for full 360° pan and 180° tilt positioning, quick-latch mount for sheet rock and drop ceilings, plenum rated durable aluminum back housing with conduit access, and dual 12VDC and 24VAC power capabilities.

Order # Mfr. #	Camera	(ea.)
82-11086 VSE-P6361DSBMA	⅓" 520TVL color camera, manual-iris, 2.8~12mm, vari-focal lens, black trim ring	$368.00
82-11087 VSE-P6361DSWMA	⅓" 520TVL color camera, manual-iris, 2.8~12mm, vari-focal lens, white trim ring	368.00
82-11092 VSE-P6361DSWA	⅓" 520TVL color camera, DC auto-iris, 2.8~12mm, vari-focal lens, white trim ring	390.00

PELCO
Camclosure™ Integrated Dome Cameras

Surface Mount (#ICS100-CA3)

Ceiling Mount (#ICS150-CA3)

The 100/150 Series Camclosure™ Integrated Camera System incorporates a camera and lens package into a small, high-security enclosure. All models are quick and easy to install in a variety of indoor or outdoor applications. The 100/150 Series features plug–in camera modules that allow the enclosure to be installed and wired for power and video prior to installation of the camera. All models are designed for either 12VDC or 24VAC operation, factory set for 24VAC operation. Camera options include ⅓" format CCD color imager (standard or high resolution) and monochrome imager (standard resolution) with fixed focal length lenses of 2.9mm, 3.6mm, 6mm, 8mm, and 12mm. Cameras with a varifocal lens have a ¼" high resolution CCD color imager. The 150 Series System (in-ceiling dome) is plenum rated when installed to local requirements and can be installed in a suspended ceiling or recessed in a ceiling or wall. The in-ceiling dome ships with a 4S adaptor plate to mount the unit to a 4-square, deep, electrical box. If you are mounting the unit from a suspended ceiling, the adaptor plate provides additional support to the suspended ceiling. **Camera specifications: MA Series:** ⅓" black and white CCD, 420 lines of resolution, 0.1 lux. **CA Series:** ⅓" color CCD, 350 lines of resolution, 1.0 lux. **CR Series:** ⅓" color CCD, 470 lines of resolution, 1.0 lux. **CRV Series:** ¼" color CCD, 480 lines of resolution, 1.2 lux. Varifocal lenses are automatic iris. Listed below are the most popular Pelco 100/150 Series Camclosure integrated cameras. **Limited quantities.**

Order #	Dome	Lens	(ea.)
Surface Mount			
ICS100-CA3	Smoked	2.9mm	$369.00
ICS100-CR3	Smoked	2.9mm	212.00
ICS100-MA3	Smoked	2.9mm	136.00
ICS101-CRV3A	Clear	3~6mm	479.00
Ceiling Mount			
ICS150-CR3	Smoked	2.9mm	203.00
ICS150-CRV3A	Smoked	3~6mm	479.00

DEFENDER SECURITY
Pivotal Color Ball Camera

This unique camera is ideal for in-ceiling installations as an alternative to dome cameras. Camera has a ⅓" CCD. Camera produces 460 lines of resolution with a minimum illumination of 3.0 lux. **Specifications:** Video output: 1V p-p, 75ohm. Power: 12VDC, 140mA. Adaptor not included (#82-3950). **Limited quantities.**

Order #	(ea.)
82-7535	$169.00

speco technologies
Color Dome Camera

¼" color CCD dome camera with smoked housing can be mounted on the ceiling and offers unobtrusive surveillance with it's black housing. It has be rotated at 360 degrees for maximum viewing selection. It features a 1.0 lux with 350 line resolution and a 3.6mm wide angle lens with built-in electronic shutter. 12VDC power supply is included. Mfr. #CVC-645DC.

Order #	(ea.)
82-9225	$185.00

DEFENDER SECURITY
Black and White Dome Camera

⅓" format CCD camera with attached 3.6mm lens. Perfect solution to surveillance needs. Operates well in low light conditions to .5 lux. Includes 12VDC 110mA adaptor and mounting hardware. Measures 5¾" across and 3" high.

Order #	(1-4)	(5-up)
82-840	$79.95	$77.52

Panasonic
Color Dome Camera

The WV-CF212 incorporates a ¼" CCD with 380,000 pixels, boasting a horizontal resolution of more than 480 lines and a signal to noise ratio of 50dB. Other features include a minimum illumination of 2 lux, back light compensation (BLC), aperture correction and auto white balance. The WV-CF212 produces natural and clear color images in locations where lighting is insufficient or where backlighting is a problem, such as doorways and windows. In addition, the WV-CF212 includes a 2x vari-focal lens with a focal length of 2.9~6.0mm as a standard feature. The field angle can be set during installation, ensuring images that match specific viewing requirements. Featuring advanced specifications, as well as easy to install advantages, the WV-CF212 is the best choice for a wide variety of security applications. Power: 12VDC.

Order #	(ea.)
WV-CF212	$459.00

For Installation Tools, See Section 22

speco technologies
Weatherproof Intensifier Color Day/Night Dome Cameras

High resolution ⅓" color camera with double-speed Sony Super-HAD image sensor amplifies and maximizes existing light to generate pictures where other cameras cannot. Available in standard, or IP versions. **Specifications:** •540TVL resolution •Includes auto iris varifocal lens •WDR adjustment for challenging back light situations •DSP and DNR controls to maximize picture quality •OSD controls to easily set camera functions •Minimum .002 lux (sense-up) •ATW, AWC, and manual white balance •Internal synchronization •Accepts C/CS mount lenses **Power:** 12VDC/24VAC (dual voltage). **Output:** 1V p-p, 75ohm. See www.mcmelectronics.com for details.

Order #	Mfr. #	Internal IP Server	Varifocal Lens	(ea.)
82-12205	HT-INTD3	No	3.0~9.0mm	$629.00
82-12206	HT-INTD4	No	5.0~50.0mm	659.00
82-12220	IP-INTD3	Yes	3.0~9.0mm	769.00
82-12221	IP-INTD4	Yes	5.0~50.0mm	799.00

speco technologies
Weatherproof Intensifier Color Day/Night Dome Camera with Chameleon Cover

High resolution ⅓" color camera with Sony HQ-1 image sensor and DSP amplifies and maximizes existing light to generate pictures where other cameras cannot. **Specifications:** •Unique, paintable, white cover snaps-on over standard gray housing •540TVL resolution •IP66 weatherproof rating •2.8mm~10mm DC auto iris varifocal lens •3-axis gimbal for wall or ceiling mount •Minimum .002 lux (sense-up) •ATW, AWC, and manual white balance •Internal synchronization. **Power:** 12VDC/24VAC (dual voltage). **Output:** 1V p-p, 75ohm. See www.mcmelectronics.com for details. Mfr. #HT-7246IHR.

Order #	Mfr. #	(ea.)
82-12230	HT-7246IHR	$289.00

speco technologies
Tamperproof Miniature Color Dome Camera with Chameleon Cover

Super tough tamperproof miniature indoor color dome camera features a unique, paintable, white cover that snaps-on over the standard black housing. **Specifications:** •3.6mm lens •Minimum 0.5 lux •ATW, AWC, and manual white balance •Internal synchronization **Power:** 12VDC adaptor included. **Dimensions:** 4.0"(W) x 2.5"(H). **Output:** 1V p-p, 75ohm. See www.mcmelectronics.com for details.

Order #	Mfr. #	CCD Sensor	Resolution	(ea.)
82-12235	CVC-647TP	¼" Sony Super-HAD	420TVL	$129.00
82-12240	HT-647HRTP	⅓" Sony HQ-1	540TVL	219.00

Dome Cameras

Swann NEW
Color PTZ Dome Cameras w/27x Optical/10x Digital Zoom

Indoor, or outdoor PTZ featuring a ¼" Sony Super HAD image sensor, 480TVL, .01 lux, and up to 270x magnification (27x optical x 10x digital) with exceptional image clarity. **Specifications:** •Continuous 360° pan rotation •Continuous auto focus to target subject accurately •255 addresses with 64 presets available •RS-485 communication compatible with most DVR and IP server protocols •On screen display for camera control •Automatic power failure protection •Auto cruise and cruise between two presets •Auto flip dome rotation •Focusing system: Auto-sensing, manual, infinity, interval AF, zoom trigger AF •Auto white balance, backlight compensation, auto iris control, electronic shuttle •Pendant mount •Outdoor PTZ is IP66 rated and includes a heater.

Order #	Mfr. #	Description	(ea.)
82-11861	SW281-SDI	Indoor PTZ	$1149.00
82-11862	SW281-SDE	Outdoor PTZ	1299.00
82-11863	SW275-JSC	Joystick control	399.00

NEW

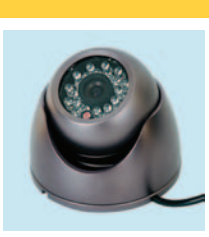
#82-12275 #82-12276

SANYO Pan-Focus PTZ High Resolution Color Dome Camera

Now Sanyo's unique pan-focus dome camera has PTZ control for high-precision wide area surveillance. The whole field of view stays in focus all the time. **Specifications:** •¼" interline CCD •520TVL resolution •OSD set-up and control •On-board UTP balun •BLC with center-zone metering •Built-in motorized zoom pan-focus auto-iris varifocal 2.8~7.3mm lens •Eight privacy masking locations •Alarm 2-in/1-out •12V/24V switchable power.

Order #	Mfr. #	Description	(ea.)
82-12275	VCC-P9574S	Indoor	$679.00
82-12276	VDC-DP9584S	Mini outdoor	819.00

DEFENDER SECURITY
Color Day/Night Vandal Resistant Ball Camera with IR LEDs



⅓" Sony Super HAD CCD features night time infrared illumination up to 45'. Versatile IP66 waterproof rated ceiling or wall mount ball-turret housing design features sturdy aluminum construction. DSP circuit for improved image quality. **Specifications:** •420 line resolution •6.0mm lens •.5 lux/0.0 lux (with IR LEDs on) •24 IR LEDs •Electronic shutter •Automatic white balance •Power: 12VDC, 300mA **Note:** Adaptor not included (#82-3950). Output: 1V p-p, 75ohm (BNC).

Order #	(1-4)
82-11350	$109.00

#82-11425

DEFENDER SECURITY
Color P/T Dome Camera with 3x Zoom Lens

#82-11426

Indoor color dome camera features ⅓" Sony Super HAD CCD image sensor with a 3x digital zoom and 4.0~8.0mm auto iris varifocal lens in a versatile vandal resistant polycarbonate smoked dome. Remote control pan, tilt and zoom function using a DVR with Pelco-D (RS-485) protocol, or using the remote control transmitter/receiver kit (#82-11426). Kit includes remote (with two "AAA" batteries), remote control transmitter and IR receiver. Kit facilitates control of up to nine P/T cameras over parallel-wired connection to the IR receiver at local station. **Specifications:** •520 line resolution •0.5 lux • Digital 3x zoom •Quite, motorized pan/tilt (350° pan; 90° tilt) •Up to 16-step auto pan setting •35°/sec rotation speed •4.25" (W) x 4.5" (H) •Includes ceiling mounting bracket and screws. Power: 12VDC. Output: 1V p-p, 75ohm (BNC).

Order #	Description	(1-4)
82-11425	Pan/tilt dome	$299.00
82-11426	Remote control kit	39.00

SANYO NEW
Indoor/Outdoor Pan-Focus High Resolution Vandal Resistant Color Dome Camera

Sanyo's unique pan-focus lens and motorized x2.6 zoom means no focus adjustments are necessary. The whole field of view stays in focus all the time. These IP66 rated weatherproof dome cameras can be mounted on the wall, or ceiling. **Specifications:** •2.6-6.0mm auto-iris pan-focus zoom lens •Manually adjustable for 360° of pan and 120° of tilt •12V/24V switchable power.

Order # Mfr. #	Resolution	Lux	Description	(ea.)
82-12280 VDC-C1574VA	480TVL	1.0	Color hi-res	$299.00
82-12281 VDC-D1584VA	520TVL	0.05	Day/night	349.00
82-12282 VDC-W1594VA	520TVL	1.0	Wide dynamic	409.00

SANYO
¼" High Resolution Pan-Focus Mini Dome Camera

Take advantage of the latest Sanyo innovation; the pan-focus mini dome. A unique pan-focus lens and motorized x2.6 zoom clearly focuses on all images in the whole field of view simultaneously. No more focus adjustments are necessary! In addition, a motion sensing function captures the object at zoom, and with the RS-485 board option, sends the status signal. **Specifications:** •520 TV lines of resolution, 2.8~7.3mm auto-iris pan-focus zoom lens •1.2 lux in color mode; .06 in B/W •Built-in motion detection and privacy masking functions •12V/24V switchable power •Mfr. #VCC-P7574

Order #	(ea.)
82-11645	$390.00

#82-11097

#82-11096

SANYO
Mini Indoor Color Dome Camera

Sanyo's OnePak™ mini dome camera is an all-in-one package that integrates a high resolution ¼" CCD 480tlv camera with a 3.0~6.0mm varifocal lens housed in a surface mount mini dome with 3.6" lower dome. A white, flush mount adaptor is also available to facilitate in-ceiling recess mounting. Power: Accepts both 12VDC and 24VAC.

Order #	Mfr. #	Description	(ea.)
82-11096	VSE-SC174VA	Camera	$325.00
82-11097	VA-MT174	Adaptor	37.00

PELCO
Spectra® Mini PTZ Color Camera

The Spectra® Mini incorporates many well-known features from Pelco's full-size Spectra III™ dome system into a cost effective, small form factor. **Features:** •Familiar Spectra® camera menu structure •Single model for surface mount and in-ceiling applications •Autofocus, high resolution integrated color camera/optics package •80x zoom (10x optical, 8x digital) •Zone blanking •64 presets •0.5° preset accuracy •140°/second pan speed •Rotating discreet liner •One pattern •One dynamic window blanking area •Proportional pan and tilt •Programmable zoom speeds •Multilanguage support •Integral, autosensing, multiprotocol receiver •Auto flip dome rotation •Quick connect cable for power, video (coax or UTP), and data

Order #	Description	(ea.)
SD4-W0	Smoke dome	$1089.00
SWM4-W	Wall mount	69.00

12VDC B&W Cameras

DEFENDER SECURITY
12VDC, 110mA Black and White CCD Cameras

⅓" Sony Super HAD CCD image sensor and support for video or DC auto iris lenses. Switchable back light compensation, electronic shutter and gain control lets you adjust the camera for a perfect picture. Adaptor not included (#82-3950). **Output:** 1V p-p, 75ohm (BNC). **Note:** Lens not included.

Order #	Resolution	Lux	(1-4)
82-11485	Medium 420TVL	0.1	$69.00
82-11495	High 580TVL	0.2	99.00

speco technologies
Black and White CCD Camera

⅓" black and white CCD camera operates on either 12VDC or 24VAC power. **Specifications:** •420 line resolution, minimum .02 lux •Built-in electronic iris •Internal synchronization. •Supports both video and DC drive auto iris lenses •Accepts C/CS mount lenses •Power: 12VDC/24VAC, 100mA (#82-4126) •Output: 1V p-p, 75ohm **Note:** Lens not included.

Order #	Mfr. #	(ea.)
82-10570	CVC-190	$93.95

24VAC B&W Cameras

DEFENDER SECURITY 24VAC, 130mA Medium Resolution Black and White CCD Camera

⅓" Sony Super HAD CCD image sensor features 420TVL resolution, a low 0.1 lux, and support for video or DC auto iris lenses. Switchable back light compensation, electronic shutter and gain control lets you adjust the camera for a perfect picture. **Output:** 1V p-p, 75ohm (BNC). **Note:** Lens not included.

Order #	(1-4)
82-11490	$69.00

DEFENDER SECURITY 24VAC, 130mA High Resolution Black and White CCD Camera

⅓" Sony Super HAD CCD image sensor features 580TVL resolution, a low 0.2 lux, and support for video or DC auto iris lenses. Switchable back light compensation, electronic shutter and gain control lets you adjust the camera for a perfect picture. **Output:** 1V p-p, 75ohm (BNC). **Note:** Lens not included.

Order #	(1-4)
82-11500	$99.00

SONY Black and White CCD Camera

The SSC-M183 incorporates a ⅓" type IT CCD with Super HAD technology that achieves a horizontal resolution of 330 TV lines and a minimum illumination of 0.06 lux. Back-Light Compensation (BLC) feature will automatically compensate for such conditions improving the level of object recognition. This camera accepts either 24VAC or 12VDC and automatically switch to the appropriate mode. DC/video output for use with automatic iris CS lenses. Video output: 1V p-p, 75ohm. **Note:** Lens not included.

Order #	(ea.)
SSC-M183	$109.00

SONY High Resolution Black and White CCD Camera

The SSC-M383 incorporates a ⅓" type IT CCD with Exwave HAD technology that achieves a horizontal resolution of 570 TV lines and a minimum illumination of 0.07 lux. Back-Light Compensation (BLC) feature will automatically compensate for such conditions improving the level of object recognition. This camera accepts either 24VAC or 12VDC and automatically switch to the appropriate mode. DC/video output for use with automatic iris CS lenses. Video output: 1V p-p, 75ohm. **Note:** Lens not included.

Order #	(ea.)
SSC-M383	$230.00

PHILIPS BOSCH Dinion Monochrome Camera

The LTC 0335 series are compact, rugged, ⅓" image format digital monochrome CCD cameras. The LTC 0335 cameras also comes with a lens wizard, OSD guide and is compatible with AC or DC voltage. Features easy installation, digital signal processing, on screen displays, superior picture quality and reliability. The LTC 0335 series is the best choice for first time and professional users. **Specifications:** Power: 12VDC or 24VAC, 4W. Resolution: 380 lines, 251,000 pixels. Sensitivity: 0.1 lux. Video: 1V p-p, 75ohm. **Note:** Lens not included.

Order #	(ea.)
82-9505	$129.00

PHILIPS BOSCH Black and White Camera

⅓" black and white CCD camera produces 380 lines of resolution with a minimum illumination of 0.15 lux. CS lens mount and video/DC iris control. **Specifications:** Power: 24VAC, 2.5W. Video: 1V p-p, 75ohm. Mfr. #LTC0335/20. **Note:** Lens not included.

Order #	(ea.)
82-7930	$169.00

Panasonic ⅓" CCD Black and White Camera with Microlens Pixels

⅓" interline transfer CCD with 570TVL, DSP (digital signal processing), AGC (automatic gain control), ELC (electronic light control) internal line–lock (phase adjustable), genlock and (VS) vertical sync. The camera features external (VS)/VD2) lock over a single coaxial cable when used with the optional data multiplex unit, or Matrix system. Signal to noise ratio: 50dB. Power requirement is 24VAC, 60Hz. The camera is enclosed in an all steel housing and is UL listed. **Note:** Lens not included.

Order #	(ea.)
WV-BP334	$309.00

SANYO Black and White CCD Camera

High performance ⅓" black and white camera features 400 lines of resolution, minimum light requirement of 0.05 lux with F1.2 lens, backlight compensation, electronic iris, internal sync/line lock, CS mount, and 24VAC and 12~15VDC dual power operation. Lens not included.

Order #	Mfr. #	(ea.)
82-11021	VCB-3454	$103.00

Rainbow CCTV Black and White High Resolution CCD Camera

3 YEAR LIMITED WARRANTY

•⅓" format CCD image device produces 580 lines of horizontal resolution •High sensitivity of 0.06 lux •Electronic iris •Multi–zone backlight compensation •Built–in isolated power supply •Backfocus Mode™ for easy, one touch back focusing •Accepts CS or C mount lens with included adaptor •12VDC or 24VAC input (250mA max) •Output: 1.0V p-p, 75ohm •Mfr. #BL58D •**Note:** Lens not included

Order #	(ea.)
82-7160	$179.00

PELCO NEW Ultra High Resolution Digital Black and White Camera

The #MCC1380H-6 is a compact, full-featured digital camera designed to provide superior picture quality over a wide range of conditions. **Specifications:** •⅓" Sony Super-HAD CCD image sensor w/DSP •570TVL resolution •Min 0.1 lux •DC/video auto iris •Selectable AGC, ESC, and BLC •Built-in flickerless mode and analog eclipser function clearer nighttime images •Top and bottom mounting threads **Power:** 12VDC and 24VAC (dual voltage). **Output:** 1V p-p, 75ohm (BNC). **Note:** Lens not included.

Order #	(ea.)
MCC1380H-6	$229.00

PELCO Black and White Camera

The MC3710S-6 monochrome camera is smaller than most other full-featured CCD cameras. The MC3710S-6 is a standard resolution camera with 380 TV lines. The camera features automatic gain control, line lock, and digital signal processing for automatic backlight compensation. The MC3710S-6 camera also includes a ⅓" imager, accepts DC and video drive auto iris lenses, and has adjustable thumb wheel back focus to accommodate C or CS lenses. 24VAC or 12VDC (order #82-3950) dual power design. **Note:** Lens not included.

Order#	(ea.)
MC3710S-6	$119.00

SANYO ⅓" Black and White CCD Camera

⅓" black and white CCD camera with high resolution picture. High sensitivity, minimum required illumination is 0.1 lux. High resolution, greater than 580 lines of horizontal resolution. Built–in electronic iris and backlight compensation. Line lock/external sync with external line lock phase adjust. C/CS lens mount with C mount adaptor supplied. 24VAC operation. **Specifications:** Video output 1.0V p-p, 75ohm. Via BNC connectors. 24VAC, 3.2W. Mfr. #VCB-3374. **Note:** Lens not included.

Order #	(ea.)
82-2630	$157.00

DEFENDER SECURITY Indoor/Outdoor Camera Housing

Indoor/outdoor camera housing to protect the camera from harsh environments. Constructed of extruded aluminum for durability. Cable penetrations are protected by moisture resistant chucks.

Order #	(1-4)	(5-up)
82-3535	$29.95	$28.79

12VDC Color Cameras

speco technologies High Performance Color Camera

NEW

⅓" color camera features interline transfer CCD with 420TVL resolution, minimum light requirement of 0.5 lux, auto electronic shutter, BLC, auto iris support, and internal synchronization. Power: 12VDC; 200mA (use #82-3950 adaptor). Output: 1V p-p, 75ohm. **Note:** Lens not included. Mfr. #VL-611C.

Order #	(ea.)
82-12250	$109.00

Swann Medium Resolution Color Camera with LEDs and Lens

NEW

Unique box camera design incorporates IR LEDs into front bezel to produce a versatile day/night camera with standard C/CS lens capability. Camera includes a 4.0mm manual focus lens and includes connection for DC, or video iris lenses. **Specifications:** •¼" Sharp CCD •400TVL resolution •4.0mm lens •0.0 lux with 14IR LEDs on •20' night time IR range •AGC and BLC •Aluminum construction. Includes mounting bracket, power adaptor, and a 33' cable. **Power:** 12VDC, 500mA. **Output:** 1V p-p, 75ohm (BNC) •Mfr. #SW-C-C510R

Order #	(ea.)
82-11885	$119.00

Swann Mini Color Camera w/Varifocal Lens

NEW

Compact box camera features discrete, high-powered design. Comes fitted with a 3.5~8.0mm varifocal lens. **Specifications:** •⅓" super CMOS color image sensor •420TVL resolution •3.0 lux •AWG, AGC and BLC •Aluminum construction •Includes mounting bracket, power adaptor, and a 60' video cable with BNC connectors **Power:** 12VDC, 500mA. **Output:** 1V p-p, 75ohm (BNC). Mfr. #SW211-H42.

Order #	(ea.)
82-11887	$129.00

DEFENDER SECURITY 12VDC, 130mA Medium Resolution Color Camera

⅓" Sony Super HAD Color CCD image sensor with DSP circuitry features 420TVL resolution, a low minimum sensitivity of 0.05 lux, and support for video or DC auto iris lenses. Switchable back light compensation, electronic shutter and gain control lets you adjust the camera for a perfect picture. Adaptor not included (#82-3950). **Output:** 1V p-p, 75ohm (BNC). **Note:** Lens not included.

Order #	(1-4)
82-11505	$119.00

DEFENDER SECURITY 12VDC, 130mA High Resolution Color Camera

⅓" Sony Super HAD Color CCD image sensor with DSP circuitry features 520TVL resolution, a low minimum sensitivity of 0.1 lux, and support for video or DC auto iris lenses. Switchable back light compensation, electronic shutter and gain control lets you adjust the camera for a perfect picture. Adaptor not included (#82-3950). **Output:** 1V p-p, 75ohm (BNC). **Note:** Lens not included.

Order #	(1-4)
82-11515	$159.00

DEFENDER SECURITY Color Camera w/Integrated Vari–Focal Lens

This camera features a built–in 4~8mm vari–focal lens that allows for quick set-up and viewing angles of 70°~35°. ⅓" color CCD produces 380 lines of horizontal resolution and 290,000 pixels with a minimum illumination of 0.5 lux. Output: 1V p-p, 75ohm. Power: 12VDC, 180mA.

Order #	(1-4)	(5-up)
82-7020	$249.00	$239.00

DEFENDER SECURITY Day/Night Camera

⅓" Super HAD color CCD produces 400 lines of resolution and 270,000 pixels with a minimum sensitivity of 0.03 lux (built–in IR filter). Camera provides full color images in daylight conditions and switches to black and white in nighttime conditions. In night mode the camera is sensitive to IR light and virtually sees in the dark. Digital Signal Processing (DSP) provides higher picture quality and advanced functions including automatic white balance, automatic gain control and back light compensation. DC/video iris output and electronic iris control for use with automatic and fixed iris C/CS lenses. **Specifications:** Power: 12VDC, 130mA. Video: 1V p-p, 75ohm.

Order #	(ea.)
82-9385	$149.00

24VAC Color Cameras

speco technologies Weatherproof Intensifier Color Day/Night Camera

NEW

High resolution ⅓" color camera with double-speed Sony Super-HAD image sensor amplifies and maximizes existing light to generate pictures where other cameras cannot. Available in standard, or IP versions. **Specifications:** •540TVL resolution •Supports DC auto iris varifocal lenses •WDR adjustment for challenging back light situations •DSP and DNR controls to maximize picture quality •OSD controls to easily set camera functions •Minimum .002 lux (sense-up) •ATW, AWC, and manual white balance •Internal synchronization •Accepts C/CS mount lenses. **Power:** 12VDC/24VAC (dual voltage). **Output:** 1V p-p, 75ohm. **Note:** Lens not included. See www.mcmelectronics.com for details.

Order #	Mfr. #	Internal IP Server	(ea.)
82-12195	HT-INTT5	No	$329.00
82-12210	IP-INTT5	Yes	639.00

speco technologies Wide Dynamic Range High Resolution Color Camera

NEW

High resolution ⅓" color camera uses Pixim DPS technology, the industry's wide dynamic range solution. Ideal solution for capturing accurate video and color in challenging lighting conditions, such as glare, direct sunlight, reflections and strong backlight. **Specifications:** •540TVL resolution •Supports DC/video auto iris lenses •OSD controls to easily set camera functions •ATW, AWC, and manual white balance •Internal synchronization •Accepts C/CS mount lenses. Power: 12VDC power adaptor included. Output: 1V p-p, 75ohm. **Note:** Lens not included. Mfr. #WDR-T6.

Order #	(ea.)
82-12245	$339.00

SAMSUNG High Resolution Color CCD Camera

•⅓" color CCD camera produces 470 lines of resolution •Back light compensation allows the user to see a clearer, more defined picture and is especially useful in difficult back light situations such as window and door applications •Selective electronic shutter control (video/DC/ESC) •Easy back focus ring •Internal synchronization with line-lock •High sensitivity with a minimum scene illumination of 0.3 lux •Accepts C and CS mount lenses **Specifications:** Power 24VAC, 6.0W, video output: 1V p-p, 75ohm. **Note:** Lens not included.

Order #	Mfr. #	(ea.)
82-8820	SDC-311	$179.00

Rainbow CCTV Camera with Vari–Focal Lens

High resolution cameras with factory assembled and aligned vari–focal lens. These cameras are a time saver in the field. All camera set–up, lens alignment, and back–focus is done at the factory and the camera is tested before shipment.

Order #	Description	Camera #	Lens #	(ea.)
82-7175	B&W camera w/3.3~8mm lens	BL38D	L338VDC4P	$199.00
82-7180	Color camera w/3.3~8mm lens	CLD46D	L338VDC4P	299.00

24VAC Color Cameras

Rainbow CCTV
3 YEAR LIMITED WARRANTY

High Resolution Color CCD Camera

•⅓" format CCD image device produces 460 lines of horizontal resolution •High sensitivity of 0.3 lux •Electronic iris •Backlight compensation •Built–in isolated power supply •Backfocus Mode™ for easy, one touch back focusing •Accepts CS or C mount lens with included adaptor •12VDC or 24VAC input (250mA max) •Output: 1.0V p-p, 75ohm •Mfr. #CLD46D •**Note:** Lens not included

Order #	(ea.)
82-7170	$289.00

PHILIPS BOSCH

Dinion High Resolution Color Camera

The LTC 0455 series are compact rugged, ⅓" image format digital color CCD cameras. Their superior sensitivity, resolution and picture quality provide optimal performance in virtually all situations. This fully automatic camera is ready to work for you, and is easy to install in even the most demanding applications. On-screen displays (OSD) provide quick and easy access to all camera features. The LTC 0455 cameras also comes with a lens wizard that automatically detects the type of lens installed and provides an OSD guide that allows the installer to easily adjust the lens level and focus without special tools or filters. The automatic black level feature, now introduced in color cameras, enhances contrast by removing veiling glare from the picture. NightSense™ is used to further extend the excellent sensitivity by a factor 3 in monochrome operation. This mode can be automatically activated under low light situations. Automatic sensing for tracking white balance, provides true to life color images in indoor and outdoor applications. The ability to operate on AC or DC provides added flexibility to system designs and reduces the amount of training and support items to keep on hand. Easy installation, digital signal processing, on screen displays, superior picture quality and reliability brings the video performance of high resolution color cameras to a level never reached before and makes the LTC 0455 series the best choice for first time and professional users. **Specifications:** Power: 12VDC or 24VAC, 4W. Resolution: 480 lines, 379,000 pixels. Sensitivity: 0.1 lux. Video: 1V p-p, 75ohm. **Note:** Lens not included.

Order #	(ea.)
82-9520	$239.00

SANYO

Super High Resolution, High Sensitivity Color Camera

Super high-resolution technology with 520 lines of horizontal resolution accomplished by: 1) New optical low pass filter 2) New Y/C separation circuitry 3) Double horizontal sampling 4) Chroma-regulated horizontal aperture generation. ⅓" CCD produces approximately 410,000 picture elements. Digital Signal Processing (DSP) circuit for improved image quality. SuperSmart™ back light compensation with multi-zone analysis. High sensitivity, minimum required illumination 0.6 lux @ f1.2, 0.3 lux @ f1.2 (gain up). Internal/line lock sync. Digital Signal Processing (DSP) allows better picture quality. Both DC and video type auto iris lenses applicable. Built-in anti-ground loop isolation transformer. Power: 24VAC. **Note:** Lens not included.

Order #	Mfr. #	(ea.)
82-9560	VCC-6594	$249.00

DEFENDER SECURITY

High Resolution Day/Night Camera with Digital Zoom

⅓" Super HAD color CCD produces 480 lines of resolution and 410,000 pixels with a minimum sensitivity of 0.03 lux (built–in IR filter). Camera provides full color images in daylight conditions and switches to black and white in nighttime conditions. In night mode the camera is sensitive to IR light and virtually sees in the dark. On Screen Display (ODS) aids in camera set-up. Digital Signal Processing (DSP) provides higher picture quality and advanced functions including 2x digital zoom, automatic white balance, automatic gain control and back light compensation. DC/video iris output and electronic iris control for use with automatic and fixed iris C/CS lenses. **Specifications:** Power: 24VAC, 130mA. Video: 1V p-p, 75ohm.

Order #	(ea.)
82-9395	$239.00

DEFENDER SECURITY 24VAC, 130mA Medium Resolution Color Camera

⅓" Sony Super HAD Color CCD image sensor with DSP circuitry features 420TVL resolution, a low minimum sensitivity of 0.05 lux, and support for video or DC auto iris lenses. Switchable back light compensation, electronic shutter and gain control lets you adjust the camera for a perfect picture. **Output:** 1V p-p, 75ohm (BNC). **Note:** Lens not included.

Order #	(1-4)
82-11510	$119.00

DEFENDER SECURITY 24VAC, 130mA High Resolution Color Camera

⅓" Sony Super HAD Color CCD image sensor with DSP circuitry features 520TVL resolution, a low minimum sensitivity of 0.1 lux, and support for video or DC auto iris lenses. Switchable back light compensation, electronic shutter and gain control lets you adjust the camera for a perfect picture. **Output:** 1V p-p, 75ohm (BNC). **Note:** Lens not included.

Order #	(1-4)
82-11520	$157.00

SANYO

High Resolution ExView™ Color Camera

High sensitivity Sony Exview™ ½" color CCD image sensor with DSP (digital signal processing) circuitry produces 520 lines of resolution, minimum light requirement of 0.3 lux with F1.2 lens, smart multi-zone backlight compensation, video and DC auto iris operation, and 12VDC/24VAC dual power operation. **Note:** Lens not included.

Order #	Mfr. #	(ea.)
82-11026	VCC-5984	$265.00

Swann

High Resolution ExView™ Color Camera with Lens

High resolution ⅓" Sony ExView™ CCD sensor features a 520TLV resolution and low light sensitivity of .01 lux. Also will accept either 12VDC, or 24VAC power. **Specifications:** •AGC, AWB, electronic exposure and BLC •DC, or video auto-iris switchable. Includes a 12mm manual focus, DC auto-iris lens, mounting bracket, power adaptor, and a 33' cable. **Power:** 12VDC, 500mA. **Output:** 1V p-p, 75ohm (BNC) •Mfr. #SW-C-HD590

Order #	(ea.)
82-11890	$299.00

speco technologies

Color Day/Night Camera with IR Filter

High performance ⅓" color CCD camera with Sony Super-HAD image sensor and mechanical IR filter for exceptional day/night imagery and low-light sensitivity. The IR cut filter is automatically positioned between the lens and the CCD to achieve maximum resolution. **Specifications:** •480 line resolution, minimum 0.5 lux (daytime mode), 580 line resolution, minimum 0.01 lux (low-light mode) •Internal synchronization and line lock •Sensitivity to 1100nm in low-light •DC/video iris output and electronic iris control for use with automatic and fixed iris C/CS lenses •Automatic white balance, automatic gain control •Automatic back lighting •Top and bottom mount •Output: 1V p-p, 75ohm •Power: 24VAC 400mA **Note:** Lens not included.

Order #	Mfr. #	(ea.)
82-10630	CVC-865DN/24	$299.00

SONY

High Resolution Color CCD Camera

The Sony SSC-DC374 is a high resolution ⅓ CCD camera that incorporates Sony's DSP (Digital Signal Processing) Super HAD™ technology, which produces a horizontal resolution of 480 TV lines, and a minimum illumination of 0.8 lux. With built-in Turbo AGC up to 24db, a pixel resolution of 768 x 494, and remarkable sensitivity (S/N ratio of more than 50dB) the SSC-DC374 produces high quality, color images with excellent performance and dependability; all in a compact design perfectly suited for commercial facilities such as retail stores, shopping malls, stadiums, arenas, banks and office buildings. **Features:** On/off switchable Back-Light Compensation (BLC) to automatically improve object recognition; accepts DC servo lenses; 24VAC power; DC/video output for use with automatic iris CS lenses; video output: BNC 1V p-p, 75ohm. **Note:** Lens not included.

Order #	(ea.)
SSC-DC374	$239.00

24VAC Color Cameras

Digital CCD Color Camera

The CC3710H-6 Series digital color camera is smaller than most other full-featured CCD cameras. The CC3710H-6 Series is a high-resolution digital camera with 480 TV lines. The camera features color balance settings, gamma level adjustment, automatic gain control, digital signal processing for automatic backlight compensation and line lock. The CC3710H-6 Series digital camera also includes a ⅓" imager, accepts DC and video drive auto iris lenses, and has adjustable back focus to accommodate C or CS lenses. Back focus adjustment is easy with the lockable thumb wheel. 24VAC or 12VDC (order #82-3950) dual power design. **Note:** Lens not included.

Order#	(ea.)
CC3710H-6	$249.00

NEW

Panasonic High Resolution Color Day/Night Camera

The Panasonic WV-CP284 color camera incorporates a ⅓" CCD pick-up device with 540 lines of resolution. The camera features various image adjustment functions such as Digital Signal Processing (DSP), Backlight Compensation (BLC), Aperture Correction, and Auto Tracing White Balance (ATW). This camera produces natural looking images even in poor lighting conditions. Minimum illumination is .06 lux (f/1.4). The signal-to-noise ratio is 50dB. Camera synchronization is internal, line-lock (phase adjustable) and VD2 (vertical drive lock). The camera accepts both C and CS mount lenses as well as both DC and video control voltage for ALC lenses. Power: 24VAC/12VDC (dual voltage), 60Hz. UL listed.

Order #	(ea.)
WV-CP284	$199.00

NEW

Ultra High Resolution Digital Color Camera

The #CC3710UH-6 features both high resolution and low light sensitivity with the added convenience of an integrated UTP connector/balun and service connector (use cable #ICS-SC). Choose the #CC3770UH-6 includes an IR cut filter to automatically switch between day and night surveillance applications. **Specifications:** •⅓" Sony Super-HAD CCD image sensor w/ DSP •540TVL resolution •Min 0.7 lux •DC/video auto iris •Easy-access (top/bottom) back-focus adjustment •AWB, AGC, ESC, and BLC •Top and bottom mounting threads **Power:** 12VDC and 24VAC (dual voltage). **Output:** 1V p-p, 75ohm (BNC). **Note:** Lens not included. Optional mount sold separately (#PCM150-6).

Order #	Description	(ea.)
CC3710UH-6	Standard	$249.00
CC3770UH-6	Day/night	399.00

NEW

High Resolution WDR Day/Night Color Camera

Featuring a small, compact housing the CCC1390UH is a wide dynamic range (WDR), day/night camera with a built-in IR cut filter to produce superior images over a wide range of lighting conditions. **Specifications:** •¼" Sony SS-2WD CCD image sensor with DSP technology •480TVL resolution (530TVL B&W) •Min 0.002 lux (SENS up) •DC/video auto iris •On-screen menu configuration •Four preset camera setting profiles •Compatible with Pelco-D/P •AWB, AGC, ESC, and BLC •Top and bottom mounting threads **Power:** Autosensing 12VDC and 24VAC (dual voltage). Output: 1V p-p, 75ohm (BNC). **Note:** Lens not included.

Order #	(ea.)
CCC1390H-6	$539.00

SONY Color CCD Camera

The SSC-DC193 incorporates a ⅓ type IT CCD with Super HAD technology that achieves a horizontal resolution of 330 TV lines and a minimum illumination of 0.6 lux. The SSC-DC193 incorporates Sony's new Digital Signal Processor (DSP) technology for powerful picture contract controls. Providing outstanding stability over long periods of time and reliability levels unattainable with camera captures superb images under various lighting conditions. Back-Light Compensation (BLC) feature will automatically compensate for such conditions improving the level of object recognition. This camera accepts either 24VAC or 12VDC and automatically switch to the appropriate mode. DC/video output for use with automatic iris CS lenses. Video output: 1V p-p, 75ohm. **Note:** Lens not included.

Order #	(ea.)
SSC-DC193	$200.00

NEW

High Resolution EDR Color Camera

The #CC3701H-2 is high density general purpose color camera featuring extended dynamic range (EDR) providing for extreme lighting conditions without sacrificing sensitivity, color, or resolution. **Specifications:** •⅓" Sony Super-HAD CCD image sensor w/DSP •480TVL resolution •Min 0.5 lux •DC/video auto iris •On-screen menu configuration •Four preset camera setting profiles •Compatible with Pelco-D/P •AWB, AGC, ESC, and BLC •Low profile top and bottom mounting threads **Power:** Autosensing 12VDC and 24VAC (dual voltage). **Output**: 1V p-p, 75ohm (BNC). **Note:** Lens not included. Optional mount sold separately (#PCM100).

Order #	(ea.)
CC3701H-2	$279.00

SANYO ¼" Color CCD DSP High Performance Camera

¼" CCD with DSP circuitry produces more than 350 lines and over 270,000 picture elements. High sensitivity, minimum illumination of 0.3 lux (high gain, F1.2). Two types of backlight compensation. 24VAC and 12VDC, dual power operation. C/CS lens mount with adaptor. Video: 1V p-p, 75ohm. **Note:** Lens not included.

Order #	Mfr. #	(ea.)
82-9550	VCC-3944	$152.00

NEW

Ultra High Resolution Digital Color Camera

Featuring a small, compact housing the CCC1380UH is designed to provide superior picture quality over a wide range of conditions. **Specifications:** •⅓" Sony Super-HAD CCD image sensor with DSP technology •540TVL resolution •0.7 lux •DC/Video auto iris •On-screen menu configuration •AWB, AGC, ESC, and BLC •Top and bottom mounting threads **Power:** Autosensing 12VDC and 24VAC (dual voltage). Output: 1V p-p, 75ohm (BNC). **Note:** Lens not included.

Order #	(ea.)
CCC1380UH-6	$279.00

Color Camera with Zoom Lens

DSP Color CCD Camera combines high resolution imaging and a built-in lens in a compact package. This camera uses a ¼" color CCD sensing element. The built-in lens has a maximum zoom ratio of 128x (16x optical and 8x digital). The telephoto, white balance, and wide angle controls are push buttons located on the back of the camera. When you press and hold the telephoto button, the camera reaches maximum optical magnification (16x). If you continue to press and hold the telephoto button, the camera automatically goes into 8x digital zoom. Additional adjustments can be made by connecting the camera to a personal computer through an RS-422 cable interface.

Order #	(ea.)
CC1400HZ16-2	$549.00

SANYO High Performance Color Day Night Camera

¼" color camera producing 350 lines of resolution and high sensitivity of 0.3 lux @ F1.2 in color mode and 0.02 lux in black and white. Smart multi-zone weighted BLC, automatic switching between color and B/W modes, DC auto iris lens compatible, 12VDC/24VAC dual power operation.

Order #	Mfr. #	(ea.)
82-11029	VCC-4344	$228.00

24VAC Color Cameras

SANYO

¼" Super High Resolution DSP Day/Night Zoom Camera

¼" color camera with DSP technology sensor produces 520 TV lines of resolution. The built-in 22x optical zoom lens features a day/night compatible sensing function with up to .04 lux in color mode and .002 in B/W mode. Other features include three modes of multi-zone backlight compensation, title display, DC and auto iris lens compatibility and 12V/24V switchable power.

Order #	Mfr. #	(ea.)
82-11031	VCC-ZM400	$542.00

speco technologies

¼" Color Day/Night Camera with IR Filter and Zoom

High performance ¼" color CCD camera with Sony Super-HAD image sensor and built-in 22x optical (12x digital) motorized auto iris zoom lens (total zoom ratio is x268; 3.9mm~85.8mm, F1.6(W)~F3.7(T)). **Specifications:** •470 line resolution, minimum 1.0 lux •WDR (wide dynamic range) minimizes backlit conditions •DC/video iris output and electronic iris control for use with automatic and fixed iris C/CS lenses •Automatic white balance •Automatic gain control •Back-light compensation •OSD (on screen display) functions •Slow shutter mode for low light situations •Control through rear panel buttons •Optional remote control #82-10616 •Includes RS-232 and RS-485 connectors •Output: 1V p-p, 75ohm •Power: 12VDC ±10% (7~16V) •Lens included

Order #	Mfr. #	Description	(ea.)
82-10615	CVC-652HZ	Camera	$449.00
82-10616	RC-652	Remote control	89.00

Fixed Lenses

Panasonic

Automatic Iris Lenses

Order #	Focal Length	Iris Type	Angle of View (°)	(ea.)
WV-LA4R5C3B	4.5mm	Automatic	56.4°	$149.00
WV-LA2R8C3B	2.8mm	Automatic	72.5°	199.00

Rainbow CCTV

Fixed Focal Length Lenses

Order #	Mfr. #	Focal Length	(ea.)
Manual Iris			
82-5895	L28CSWI	2.8mm	$76.59
82-5900	L4CSWI	4.0mm	57.59
DC Iris			
82-5910	L28DC4P	2.8mm	102.49

PELCO

Lenses

Pelco's 13FA series of manual iris, fixed focal length lenses offer a compact, economical, high–quality selection of ⅓" optics in four focal lengths. All 13FA series lenses are CS mount. The ultra wide angle 2.3mm lens and the standard wide angle 2.8mm utilize a manual iris that adjusts from f1.4 to fully closed. The medium wide 4mm lens and the medium telephoto 8mm lens open to a full f1.2 for low–light conditions.

Order #	Focal Length	Angle of View	(ea.)
13FA2.3	2.3mm	116°	$62.49
13FA2.8	2.8mm	97°	62.95
13FA4	4.0mm	71°	49.95
13FA8	8.0mm	34°	49.95

DEFENDER SECURITY

Fixed Focal Length Lenses

Save time and money with lenses by Defender Security. Designed with your needs in mind, these lenses offer a wide range of options to suit your application. All lenses are CS mount and are ideal for ⅓" image format CCDs. The recommended minimum object distance is greater than 8".

Fig.	Order#	Focal length	Aperture (F)	Viewing Angle	(1-5)
A	Fixed iris				
	82-10155	4mm	1.6	76°	$14.95
	82-10165	8mm	1.6	42°	14.95
	82-10170	12mm	1.6	27°	14.95
B	Manual iris				
	82-10180	4mm	1.2	76°	29.95
	82-10190	8mm	1.2	42°	29.95
	82-10195	12mm	1.4	27°	29.95
C	DC auto-iris				
	82-10210	4mm	1.2	76°	59.95
	82-10215	8mm	1.2	42°	59.95
	82-10220	12mm	1.4	27°	59.95

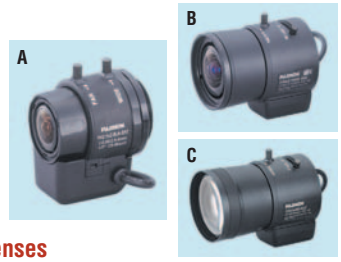
speco technologies

4mm CS Mount Lens

High–quality optics for use with CS mounts on popular CCTV cameras. Can be used with #82-555 or 82-835.

Order #	(ea.)
82-595	$59.95

Vari-Focal Lenses



FUJINON CCTV

AT ASPHERIC TECHNOLOGY

Varifocal Lenses

Fujinon's ⅓" format varifocal lenses feature patented manufacturing technology with aspherical lens elements to optimize resolution and optical performance. In addition to standard daytime lenses, the day/night compatible lenses provide excellent low light performance for your day/night camera by compensating for aberrations that exist under near infra red light conditions. Lenses will fit all ⅓" CS mount cameras.

Fig.	Order # / Mfr. #	Focal Length	Day/ Night	Zoom Ratio	(ea.)
Manual Iris					
A	82-10711 YV2.8x2.8LA-2	2.8~8mm	Day	2.7x	$39.95
A	82-10715 YV2.7x2.9R4B-2	2.9~8mm	Day/Night	2.7x	69.00
B	82-10720 YV5x2.7R4B-2	2.7~13.5mm	Day/Night	5x	79.00
C	82-10725 YV10x5B-2	5~50mm	Day	10x	139.00
C	82-10730 YV10x5R4A-2	5~50mm	Day/Night	10x	149.00

Fig.	Order # / Mfr. #	Focal Length	Day/ Night	Zoom Ratio	(ea.)
DC Auto Iris					
A	82-10737 YV2.8x2.8LA-SA2L	2.8~8mm	Day	2.7x	$42.50
A	82-10740 YV2.7x2.9R4B-SA2L	2.9~8mm	Day/Night	2.7x	109.00
B	82-10745 YV5x2.7R4B-SA2L	2.7~13.5mm	Day/Night	5x	129.00
C	82-10750 YV10x5B-SA2L	5~50mm	Day	10x	159.00
C	82-10755 YV10x5R4A-SA2L	5~50mm	Day/Night	10x	179.00
C	82-10757 YV3.3x15R4A-SA2	15~50mm	Day	10x	109.00

Panasonic

Variable Focal Lens

2x variable focal lens for use with ⅓ type CCD cameras.

WV-LZA61/2, adjustable to a desired focal length (3.8-8 mm) and angular view (H: 35.6°~73.6°, V: 26.6°~53.4°).

Order #	(ea.)
WV-LZA61/2	$139.00

DEFENDER SECURITY

Varifocal Lenses

Take the guess work out of your CCTV installation. Defender Security offers a wide range of options to make your job easier. Varifocal lenses feature fully adjustable focal lengths reducing the lenses you need to stock. All lenses are CS mount and are ideal for ⅓" image format CCDs. They are available in manual, DC and video auto-iris. The recommended minimum object distance is greater than 8".

Fig.	Order#	Focal length	Aperture (F)	Viewing Angle	(1-5)
A	Manual iris				
	82-10255	2.8~12mm	1.4	110°~28°	$49.95
	82-10265	6~15mm	1.6	52°~23°	44.95
	82-10270	12.0~30mm	1.6	28°~12°	49.95
	82-10275	6~60mm	1.6	52°~6°	109.00
B	DC auto-iris				
	82-10280	2.8~12mm	1.4	110°~28°	74.95
	82-10285	12.0~30mm	1.6	28°~12°	74.95
	82-10290	6~60mm	1.6	52°~6°	139.00
C	Video auto-iris				
	82-10295	2.8~12mm	1.4	110°~28°	109.00
	82-10300	6~60mm	1.6	52°~6°	149.00

Vari-Focal Lenses

Varifocal Lenses

Pelco's ⅓" varifocal lenses offer versatile and flexible packages in one lens. Each lens in this series covers a specific range of focal lengths and is available in manual or DC auto iris configuration. Adjust these lenses to get the exact field of view instead of "almost–the–right–view." Lenses will fit all ⅓" CS mount cameras.

Order #	Focal Length	Angle of View	(ea.)
Manual Iris			
13VA1-3	1.6~3.4mm	84°~180°	$147.00
13VA3-8	3~8mm	35°~93°	59.95
13VA5.5-82.5	5.5~82.5mm	3°~50°	209.00
13VA5-40	5~40mm	6°~53°	99.00
13VA5-50	5~50mm	4°~40°	129.00
DC Iris			
13VD1-3	1.6~3.4mm	84°~180°	169.00
13VD2.5-6	2.5~6mm	45°~107°	146.00
13VD3-8	3~8mm	35°~93°	59.95
13VD5.5-82.5	5.5~82.5mm	3°~50°	237.00
13VD5-40	5~40mm	6°~54°	124.00
13VD5-50	5~50mm	5°~53°	169.00

TAMRON Manual Iris Vari–Focal Lenses

Vari–focal lenses are the most versatile and practical lenses to use when the job calls for optimization of angular field on site. Tamron Vari–focal lenses realize a higher cost to performance ratio compared to a typical zoom lens that has a more complicated construction. Surveillance effects are maximized since any desired field can be obtained. Vari–focal lenses eliminate the need to carry several different focal length lenses for an installation job. All auto iris Vari–focal lenses include 4 pin square connector. ⅓" lens. 3~8mm focal length. 33.2°~73.5° angle of view.

Order #	(ea.)
82-2680	$69.95

Rainbow CCTV Vari-Focal Lenses

Eliminate the guesswork when specifying a job. Vari–focal lenses can provide a wide range of viewing angles.

Order #	Mfr. #	Focal Length	(ea.)
Manual Iris			
82-5865	L308VCS	3.3~8.0mm	$74.69
82-5870	L639VCS	6.5~39mm	158.19
82-7190	L851VCS	8.5~51mm	129.00
DC Iris			
82-5885	L639VDC4P	6.5~39mm	183.69
82-8905	L308VDC4P	3.0~8.0mm	99.00

Installation Accessories

DEFENDER SECURITY Weatherproof Low-Profile Infrared Illuminator

Compact, 20 LED, IR illuminator is ideal for mounting on box cameras, housings, or in tight spaces. Weatherproof IP68 construction is perfect for outdoor conditions, and the high illumination/low power consuming 840nM LEDs are not visible at night. Operating temperatures range from 14°F~110°F. Power: 12VDC, 180mA. Adaptor not included (#82-3950). Y-splitter cable not included (#24-5355). 25' nighttime IR range.

Order #	(1-4)
82-11530	$49.99

DEFENDER SECURITY Outdoor Infrared Illuminator

Designed for use with black and white or day/night cameras, these infrared illuminators allow you to virtually see in the dark without the intruder being aware. Aluminum baked enamel finish and heat resistant glass allow these illuminators to stand up to the weather. Photo sensor turns the illuminator on at night. Powerful halogen lamps provide illumination up to 65'. Power: 120VAC.

Order #	(ea.)
82-8200	$199.00

DEFENDER SECURITY Infrared Illuminators

Using an infrared illuminator with black and white cameras allows the camera to virtually see in the dark. Built–in CdS sensor turns the illuminator on when the light level is below 10 lux. Usable distance of 30'~60' and 20° dispersion angle. Input power: 12VDC, 200/350/500mA. **Note:** Adaptor not included (#82-3950).

Order #	Diameter	LEDs	Distance	(ea.)
82-9400	50mm	24	30'	$29.95
82-9405	69mm	56	45'	39.95
82-9410	94mm	104	60'	49.95

speco technologies Infrared Illuminator

Indoor/outdoor infrared illuminator, excellent for any night application. Illuminator is housed in a heavy duty aluminum enclosure. Illuminates 40' range and 30° horizontal/vertical angle dispersion. Recommended for use with black and white cameras. **Specifications:** Power: 120VAC. Dimensions: 5.12" (H) x 4" (W) x 6.25" (D). Weight 2.8 lbs. Includes mounting bracket. Mfr. #IR-200.

Order #	(ea.)
82-2920	$159.00

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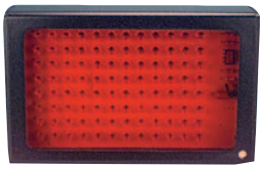
For details, ask your account representative or visit www.mcmeducation.com.
MCM-EDU



DEFENDER SECURITY Infrared Illuminator

Indoor infrared illuminator to allow your black and white cameras to virtually see in the dark. Infrared light is visible to most black and white cameras but not to the human eye. **Specifications:** Power: 120VAC, 14W adaptor included. Maximum radiant distance: 50'.

Order #	(1-4)	(5-up)
82-3530	$94.95	$91.67

DEFENDER SECURITY Outdoor Infrared Illuminator

The outdoor infrared illuminator allows your black and white cameras to virtually see in the dark. A built-in photo cell senses loss of light and activates the illuminator. Measures 5½" x 6½" x 5". Operates on 120VAC with attached power cord.

Order #	(1-4)	(5-up)
82-3531	$169.00	$159.00

Video Modem System

Make camera installations easier with a video modem system by sending power, video and audio over one cable line. This modem system is made up of a sender and a viewer module. The sender module connects to the imaging device, camera or other video source, and transmits video and audio over coaxial cable to a maximum distance of 1500'. The viewer module connects to a monitor, switcher, VCR, or other video deivce and provides seperate audio and video signals. Power for the sender module, viewer module and camera is supplied by an optional power adaptor (#82-5825) or other DC source via the DC jack on the viwer module. This system is perfect for outdoor applications like security gates and parking lots where a power source is not convenient. Available in several configurations to suit any application. Power: 18~24VDC, 600mA.

Order #	Video In/Out	Link	(1-4)
Sender			
82-5795	BNC	BNC	$30.95
82-5800	RCA	BNC	30.95
Viewer			
82-5815	BNC	BNC	30.95

Micro Modulator

This single channel digital modulator is only 3.5" (L) x 2.2" (W) x 0.9" (H) and weighs only 4.2 ounces. It is the perfect modulator for security installations, discreet monitoring, or single channel satellite and audio/video applications. Easily allows you to use cameras to see approaching visitors or intruders at your home, business or apartment on a standard TV or cable TV channel. Use this modulator to distribute your VCR, Laserdisc, DSS or cable box throughout your home. The modulator is also available with remote power that sends the DC to the modulator via the coax cable. Mfr. #MM70.

Order #	Power Source	(ea.)
82-2735	Local	$79.00

Installation Accessories

DEFENDER SECURITY

Video Motion Detector

Motion detection by digital signal processing allows this unit to be placed at the monitor end of the system out of sight. Compatible with color or black and white cameras. Four sensitivity levels. Easy to connect in-line with the camera's video cable. Adjustable detection time, 0.6 second or 3 seconds selectable to trigger alarm. Alarm output: Buzzer, 9VDC, N.O. contact. N.C. contact. Power: 9VDC, 300mA via supplied adaptor. **Note:** The Video Motion Detector is designed to be installed after the camera and before switchers, etc. Improper installation will result in continuous alarm.

Order #	(ea.)
82-9270	$81.55

speco technologies

Distribution Amp

Video distribution amp operates with both color and black and white systems. This unit distributes a single composite video signal to up to four monitors. Video input/output via BNC type connector. Mfr. #VID-D.

Order #	(ea.)
82-10675	$69.95

DEFENDER SECURITY

Video Amplifier

Compensate for signal loss due to long cable runs. Placement is at the system (monitor) end of the cable. Maximum cable length is: RG-59U = 3000', RG-6U = 4500' and RG-11U = 6000'. Separate low frequency and high frequency gain control.

Order #	(ea.)
82-8870	$71.35

DEFENDER SECURITY

Video Distribution Amplifier

Split a single video signal for use or view on four devices (monitors, switchers, VCRs, etc.). All outputs and inputs are BNC. Gain is 0dB.

Order #	(ea.)
82-8875	$71.35

DEFENDER SECURITY

Active Video Transceivers

#82-11265

#82-11170

Active video transceivers allow transmission of real-time color or black and white video plus 12VDC power up to 7500' over Cat 5e UTP cable. Perfect for aerial runs between buildings, or in your existing premise network cable structure. Optional 2U rack panel holds up to nine transceiver units. 12VDC regulated, 300mA power adaptor included.

Order #	Description	(ea.)
82-11265	Transmitter	$34.95
82-11170	Receiver	39.95
82-9315	Rack panel	59.95

Mini-Coax CCTV Video/Power Cables

Easily extend your video and power connections up 150' with flexible, light-weight, pre-terminated mini-coax patch cables. **Specifications:** 75ohm, EMI-RFI shielded, low-loss mini-coax (OD is 0.167" nominal) video cable bonded with power cable (5.5mm x 2.0mm male/female DC barrel connectors). Includes two BNC to RCA adaptors to accommodate common camera video connections.

Order #	Length	(1-4)	(5-up)
24-9675	25'	$12.99	$10.39
24-9676	50'	24.99	19.99
24-9677	75'	29.95	23.39
24-9678	100'	39.99	31.99
24-9679	150'	59.99	47.99

CCTV Installation Cables

Make your CCTV installations quick and easy with pre–made CCTV cables. Combination video/audio/power or video/power with BNC or RCA type connectors for video, RCA type connectors for audio and 5.5 x 2.0 DC barrel connector for power (male/female).

Order #	Video Cable	Length	(1-9)	(10-up)
Video/Power				
24-5280	BNC	25'	$11.39	$9.56
24-5285	BNC	50'	26.95	21.71
24-5290	BNC	75'	30.95	24.92
24-5295	BNC	100'	13.99	-
24-5300	RCA	25'	11.39	9.56
24-5305	RCA	50'	26.95	21.71
24-5310	RCA	75'	30.95	24.75
24-5315	RCA	100'	9.99	-

Stellar Labs™

NEW

Video Ground Loop Isolator

Ground loops in CCTV composite video systems can cause video distortions such as herringbone and AC beat. Uniquely designed to eliminate ground loop related distortions, this transformer features BNC female-to-female connectors with a separate 9' BNC male-to-male pigtail that facilitates multiple installation configurations and helps reduce cable and connector strain. **Specifications:** •Insertion loss: <0.5db •Frequency response: 0~3db @ 10MHz •Input/output resistance: 75ohm •Built-in 600VDC transient voltage surge suppression (12V RMS) •No power required (passive).

Order #	(1-3)
82-6131	$29.95

DEFENDER SECURITY

1 x 2 Distribution Amplifier

Provides two video outputs from one input to split video sources. Dual power operates on 12VDC or 24VAC. Includes 12VDC power supply.

Order #	(ea.)
82-9355	$26.95

Video Baluns

NVT

Active Video Receiver

The NVT model NV-652R is an active device that allows the transmission of real-time monochrome or color video up to 1.5 miles using Cat 5 unshielded twisted pair when used with an NV-653T or up to 3,000' when used with an NV-213A, NV-213A-M, NV-813A or NV-1613A. The unparalleled interference rejection ability of the Model NV-622R allows long run video signals to co-exist in the same wire bundle as telephone, data comm, or low-voltage power circuits. This allows you to use the shared or existing cable plant. Built-in ground-lifting ensures no annoying "hum-bars" when ground potential differences exist. With built-in transient suppression, damaging voltage spikes are eliminated. Mfr. #NV-652R.

Order #	(ea.)	(2-up)
82-6590	$277.79	$259.03

#82-2955

#82-2950

NVT

Video Transceivers

The transceiver is a passive device that allows for transmission of full motion video over ordinary telephone wire for distances to 1000'. Transmits color or black and white with no external power required. Patented crosstalk immunity allows you to send video signals in the same wire bundles as telephone, data comm and low voltage power without a hint of interference. The NV-213A offers built in surge suppression. Can be rack mounted.

Order #	Mfr. #	Distance	(ea.)	(2-up)
82-2950	NV-212A	500'	$99.95	$92.65
82-2955	NV-213A	1000'	149.00	143.17

NVT

Active Video Transmitter

The NVT model NV-653T video transmitter is an active (amplified) device that allows the transmission of real-time monochrome or color video up to 1.5 miles using Cat 5 unshielded twisted pair when used with an NV-652R. The unparalleled interference rejection ability of the Model NV-622R allows long run video signals to co-exist in the same wire bundle as telephone, datacom, or low-voltage power circuits. This allows you to use the shared or existing cable plant. Built-in ground-lifting ensures no annoying "hum-bars" when ground potential differences exist. With built-in transient suppression, damaging voltage spikes are eliminated. Mfr. #NV653T.

Order #	(ea.)	(2-up)
82-6595	$277.79	$259.03

Video Baluns

MuxLab VideoEase™ CCTV Mini Balun

The VideoEase™ CCTV Mini Balun allows a single CCTV video signal to be transmitted via cost-effective unshielded twisted pair (UTP) cable. Used in pairs, the CCTV balun eliminates costly and bulky coaxial cable, allowing CCTV security and surveillance equipment to be connected using standard structured cabling techniques for neater and more streamlined cabling. The flexible mini coax cable lead allows the product to fit neatly inside CCTV camera back boxes and dome camera enclosures. The CCTV balun also works in conjunction with other MuxLab CCTV baluns such as the 500000, 500009 and 500015 for a complete cabling solution. **Features and benefits:** •Fits inside CCTV dome cameras and back boxes •Compatible with other MuxLab CCTV baluns •Up to 2200' (670m) via Cat 5 UTP •Cable strain relief

Order #	Mfr. #	(ea.)
33-9760	500023	$36.95

MuxLab Video Balun

The VideoEase CCTV balun allows a single CCTV video signal to be transmitted via cost effective unshielded twisted pair (UTP) cable. The CCTV balun eliminates costly and bulky coaxial cable, allowing CCTV security and surveillance equipment to be connected using standard structured cabling techniques for neater and more streamlined cabling. The CCTV balun is available in two models; CCTV Screw Terminal Balun (500009) and Modular CCTV Balun (500000). Both models may be used interchangeably. **Features:** Up to 2200' via Cat 5 UTP, low return loss, lifetime warranty. Pair required for use, **sold individually.**

Order #	Mfr. #	Description	(ea.)
82-9485	500000	Modular	$34.95
82-9490	500009	Terminal	34.95

MuxLab VideoEase™ CCTV Pass-Thru Balun

The VideoEase™ CCTV Pass-Thru Balun allows video, two-wire PTZ control, and remote power to be transmitted via one 4-pair Cat 5 cable, thus eliminating the need to install multiple cables for more efficient cabling in the CCTV security and surveillance environment. The pass-thru balun may be used in pairs, or in conjunction with standard twisted pair cross-connect devices and other MuxLab CCTV baluns such as the 500000, 500009, 500023 and 500015. **Features:** •Combines video, PTZ control and remote power under one 4-pair Cat 5 cable for more efficient cabling •Video up to 2,200' (670m) via Cat 5 UTP •Remote power up to 350' (106m) @ 24VAC/5VA via two twisted pairs

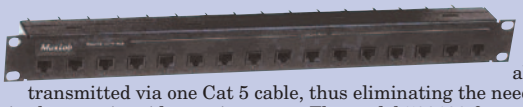
Order #	Mfr. #	(ea.)
33-10065	500022	$39.00

MuxLab VideoEase LongReach™

The VideoEase LongReach™ is an active CCTV receiver balun that provides extended distance between the CCTV camera and the DVR or multiplexer via copper twisted pair cable. The LongReach™ features automatic image adjustment for picture brightness, sharpness and contrast, thereby helping to reduce on-site service calls. The LongReach™ supports up to 5,000' (1,5 km) via Cat 5 twisted pair cable when used in conjunction with MuxLab's passive CCTV baluns (500000 and 500009). **Features and benefits:** •Automatic image adjustment helps eliminate service calls •Up to 5,000' (1.5km) via Cat 5 UTP •Connects directly to the DVR, multiplexer or switcher •Works with MuxLab passive CCTV baluns •Eliminates the need for fiber or coax •Supports NTSC or PAL •Requires 24VAC (not supplied) •Ground loop blocking •Voltage surge protection •Auto-resettable fuse •LEDs for power, video and ground loop fault •Cable strain relief •1 year warranty

Order #	Mfr. #	(ea.)
33-9735	500015	$250.00

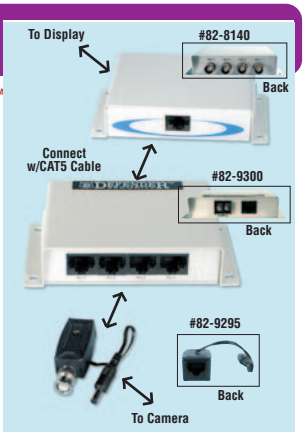
MuxLab 16 Port Passive CCTV Hub



The passive 16 port CCTV hub allows video, remote power and PTZ control to be transmitted via one Cat 5 cable, thus eliminating the need to install multiple cables for more efficient cabling in the security video environment. The model 500130 features female BNC connections for coax video output, and the 500131 has female RJ-45 connectors for twisted pair video output. **Features:** Space efficient 1U height •Supports up to 16 inputs •Port switch to set power-thru, or pass-thru •Pin configuration table on unit •Works in conjunction with 500000, 500009, 500015, 500022, 500023, 500024, 500029 and 500120 baluns.

Order #	Mfr. #	(ea.)
33-10125	500130	$525.00
33-10130	500131	525.00

Defender Security Video and Power Transmission System



Transmit power and video signals over standard UTP Cat 5 cables. The video/power balun carries DC power along with video over standard UTP cable. The built-in DC plug on the video/power balun at the camera end (#82-9300) receives power from the transmitter (#82-9295). The male BNC to RJ-45 jack converts 75ohm video to 100ohm video for use with enconomical UTP CAT5 cables. To monitor and record the signals use the four channel video balun (#82-8140) to break the signal back out. The four channel video balun converts a single 100ohm RJ-45 single to four 75ohm BNC for transmission over coaxial cable. Transmits distances up to 1000' for color video and 2000' for black and white. Using Cat 5e or greater can increase distances by 20%.

Order #	Description	(ea.)
82-9295	Video/power transmitter	$21.95
82-9300	4 UTP to 1 UTP receiver/transmitter	33.59
82-8140	1 UTP to 4 coax reciever/transmitter	39.95

MG BNC Video Baluns

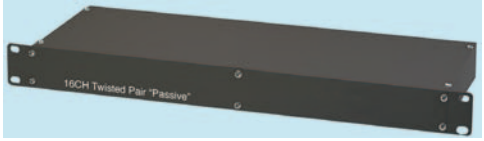
Ideal for distributed CCTV video over Cat 5e UTP wire, these BNC video baluns feature two styles to accommodate flexible connections. **Features:** •BNC to screw terminal connections •Durable weatherproof potted construction •Precise 75ohm impedance matching •1,250' range in color; 2,500' range in B/W •Input: 1V p-p composite video •Output: Low voltage current loop to receiver unit •Signal noise ratio: 76dB •Dimensions: 1.25" x 1.5" x .75"

Order #	Description	(1-9)
82-11330	w/o 12" pigtail	$17.95
82-11331	w/12" pigtail	19.95

MG DVR Mount BNC Video Balun

Unique slim-line design ideally suited for mounting to DVR BNC connections to distributed CCTV video over Cat 5e UTP wire. **Features:** •BNC to push-down locking terminal connections •Precise 75ohm impedance matching •1,750' range in color; 3,000' range in B/W •Input: 1V p-p composite video •Signal noise ratio: 76dB •Dimensions: 1.5" x 0.5" x .625"

Order #	(1-9)
82-11332	$18.95



Defender Security 16 Port Passive Transceiver

Use with passive transceiver/baluns as a receiver or transmitter for distances up to 2000'. Use with active receivers to transmit to distances up to 3200'. Power supply included.

Order #	(ea.)
82-9340	$269.00

MCM Custom Audio Keystone Mount DC Power Connection

Features a standard barrel jack which accepts connection from most AC adaptors. Essential when low voltage must be inserted into a Cat 5 pair for remote distribution. It is ideal for remote powering of small LCD monitors, video cameras, IR repeater systems and similar items. Rear mounted IDC connector allows simple, fast connection to unterminated 22~24AWG solid or stranded wire. Maximum voltage: 24VAC/DC, 1A. Barrel size: 2.1mm I.D., 5.5mm O.D. •**Sold individually**

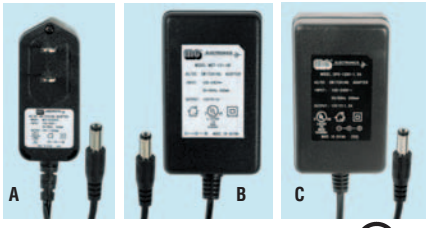
Order #	(1-3)	(4-up)
50-7752	$6.99	$5.95

ProVideo Category 5e Convertor Kit

This Cat 5e conversion kit allows transmission of video and power over Cat 5e cable. The kit includes a transmitter, receiver, and power supply. Both B&W and color cameras can be accommodated with the convertor kit. This kit is best suited for operation up to 600' on Cat 5e cable. Kit works with any baseband signal and can be used with all ProVideo cameras and most other cameras. Connects to Cat 5e through the use of a standard 8 position, 8 conductor RJ-45 jack. Power supply included. Mfr. #VID-CAT.

Order #	(kit)
82-8218	$121.00

Power Supplies



Ultra Compact AC Adaptors

UL and CSA listed AC to DC switching power supply suitable for security cameras and other portable electronic devices. Light weight, compact and efficient switch mode design incorporates highly regulated output within ± 0.25V of rated output, even with no load. Input: 100V~240V 50~60Hz. Output: 12VDC. 5' output cord with 5.5mm x 2.1mm center positive coaxial DC power plug.

Fig.	Order #	Output	(1-9)
A	82-11320	500mA	$6.95
B	82-11321	1.0A	11.95
C	82-11322	1.5A	14.95

DEFENDER SECURITY In–Line 12VDC Power Supply

Easily retrofit new 12VDC cameras into an existing 24VAC CCTV system or supply power to a 12VDC camera in remote locations without easy access to a 120VAC outlet. Extruded aluminum case helps dissipate heat produced by the power supply resulting in poor video from the camera. **Specifications:** Input voltage: 24VAC. Output voltage: 12VDC, 500mA. Connections: Input: Solderless terminals. Output coaxial DC plug, 5.5mm x 2.0mm. **Note:** Verify the AC power source has enough capacity to supply the camera used.

Order #	(ea.)	(2-9)
82-9255	$16.95	$16.50

PELCO Outdoor Camera Power Supply

The WCS1-4 has one fused output and is capable of handling up to 4A (100VA) of total load. Fuses provide a greater degree of protection for the camera because they are faster acting and more precise than circuit breakers.

Order #	(ea.)
WCS1-4	$146.00

ELK PRODUCTS, INC. Power Distribution Unit

The ELK-PD9 was designed to affordably distribute power from a central power source to nine individual devices. The input can be up to 30 volts AC or DC. This allows powering of multiple devices for CCTV, security, access or automation. Works with virtually any power supply. **Features:** Nine individual outputs, auto resetting overload protection (250mA ea.), LED indicators for power input and each output. Mfr. #ELK-PD9.

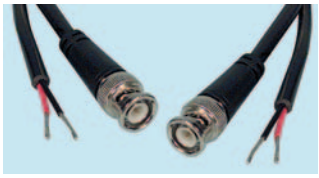
Order #	(ea.)
82-6050	$45.49

CCTV DC Power Pigtail

Ideal for CCTV applications, these DC power pigtail cords are handy in the field when terminating and transitioning 2 conductor camera power. Also available in a female version. **Specifications:** •DC barrel plug and receptacle dimensions: 5.5mm x 2.1mm •Center positive •Color-coded wires; red(+); black(-) •3' length •Tinned leads •26AWG.

Order #	Description	(1-9)	(10-up)
24-5361	Male DC pigtail	$3.99	$2.99
24-5362	Female DC pigtail	3.99	2.99

CCTV Installation Cables



Make your CCTV installation quick and easy with pre-made CCTV cables. Combination video/power with BNC connectors for video and 18AWG twisted pair for power.

Order #	Length	(ea.)
24-6605	25'	$17.95
24-6615	75'	34.95
24-6620	100'	39.95
24-6625	150'	65.95

24VAC to 12VDC Regulated Power Convertor

Allows 12VDC cameras to be powered from a 24VAC power source. Ideal for integrating 12VDC cameras into an existing 24VAC system. **Specifications:** •Input power: 20~28VAC; 16~30VDC •Output power: 12VDC regulated •Input side: 11.8", 22AWG 2 pin screw lock terminal block •Output side: 11.8", 22AWG 2.1mm DC plug

Order #	Output Voltage	Dimensions	(1-9)
82-11325	300mA	1.77" x 1.0" x 0.75"	$8.95
82-11326	800mA	2.35" x 1.0" x 1.75"	9.95

DEFENDER SECURITY Rack Mount Power Supply

8A rack mountable power supplies for CCTV and 24VAC applications. This power supply is available 16 output. Power supply features no fuse break to avoid current overload. Features short circuit protection and auto reset on each port.

Order #	(ea.)
82-9375	$165.00

Video Coax Surge Protectors

Protects valuable CCTV equipment from high voltage surges such as lightning strikes and voltage spikes. **Specifications:** Response time: 100ns. Max surge current: 5,000A. Insertion loss: <0.2dB. Dimensions: 3" x 1" x 1". **Note:** Ground lead must be connected to earth ground for proper operation and protection.

Order #	(ea.)
82-8485	$20.35

Dual Voltage Power Transformer

Power two security devices simultaneously! Or, simply use this one unique 12VDC and 24VAC power transformer for a 24V tap, or a 12VDC tap. **Specifications:** •24V at 635mA; 12V at 1A •UL/CUL rated •White case •Dimensions: 2.25" x 2.5" x 3.5" •9.5 oz.

Order #	(1-9)
82-12135	$12.99

Power Transformers

Power transformers for use in security applications such as alarm panels, door access controls and security cameras.

Order #	Volts	V/A	(ea.)
82-1530	24	20	$8.19
82-1535	24	40	8.19
82-1540	16.5	40	8.19
82-1545	12	40	8.19
82-1550	12	20	8.19
82-1555	16	20	8.19

ELK PRODUCTS, INC. Security Transformers

Power transformers for security applications. Features a plug-in ground and auto-resetting overload protection.

Order #	Volts	V/A	(ea.)
82-6060	16	40	$10.99
82-6061	24	40	11.49

Audio Pick-Up Microphones

Add audio capability to any CCTV camera. Highly sensitive microphone and DC12V regulator built right into device. The #82-12145 mic facilitates remote audio only, and the #82-12146 has an additional connection for video. **Specifications:** •Audio output: maximum 2V p-p •Power consumption: 10mA •Operating temperature: -10°~45°C •Power supply: 12VDC (#82-3950) •See www.mcmelectronics.com for additional information **Note:** Not for use in covert surveillance applications. Consult your state laws restricting audio monitoring.

Fig.	Order #	Description	(ea.)
A	82-12145	Audio pick-up mic	$9.95
B	82-12146	Audio pick-up mic w/video	9.95

12VDC Extra High Output Switching Power Supply

Sixteen camera, 12VDC, UL listed, CCTV distributed power supply designed with individually fused 1200mA outputs for powering high output PTZs, cameras and accessories. Integrated voltage potentiometer for ± 10% long-run cable adjustment. •16 surge protected outputs with LED power indication •12A continuous current •100V~240V operation with appropriate UL or foreign CE power cord •Unique pre-drilled top mounting flange •Power on/off safety switch with LED •Dimensions: 11.25" x 11.25" x 3.75" •5' three conductor US power cord included.

Order #	(1-9)
82-12130	$149.00

12VDC/24VAC Dual Voltage Camera Power Supplies

Dual voltage CCTV distributed power supply combines eight 12VDC outputs and eight 24VAC outputs for a total of 16 individually fused channels (7.5A total output; main fuses are rated at 5A) in one convenient 11.25" x 11.25" x 3.75" cabinet. **Specifications:** •Surge protected outputs with individual LED power indication •Unique pre-drilled top mounting flange •Power on/off safety switch with LED •5' three conductor power cord and two spare fuses included.

Order #	(1-9)
82-11315	$139.95

24VAC Camera Power Supplies

UL approved 24VAC power supplies for CCTV applications. Individually fused outputs with LED indicators for each fuse. Dimensions: 8⅜" (W) x 9¾" (L) x 3¾" (H).

Order #	Outputs	Current	(ea.)
82-4690	9	4A continuous	$49.95
82-4695	16	8A continuous	79.95
82-9205	4	4A continuous	44.95

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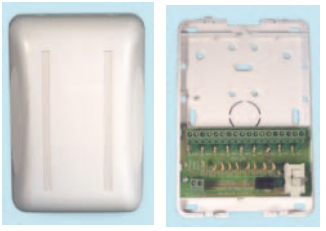
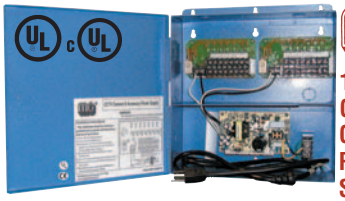
Power Supplies



Power Distribution Panel

Distribute 12VDC or 24VAC to up to nine devices. Individually fused outputs with LED status indicators. Max input power 2.3A.

Order #	(ea.)
82-9200	$29.95



12VDC High Output Camera Power Supplies

12VDC, UL listed, CCTV distributed power supply designed with individually fused 800mA outputs for powering high output CCTV cameras and accessories. **Specifications:** •Surge protected outputs with individual LED power indication •100V~240V operation with appropriate UL or foreign CE power cord •Unique pre-drilled top mounting flange •Power on/off safety switch with LED •5' three conductor US power cord included.

Order #	Outputs	Current Continuous	Dimensions	(1-9)
82-11310	9	4A	11.25"x 11.25"x 3.75"	$99.95
82-11311	16	8A	11.25"x 11.25"x 3.75"	139.95

12VDC Camera Power Supplies

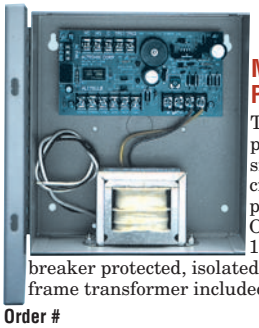
UL approved 12VDC power supplies with individually regulated outputs. LED status indicators. Auto-resets within five seconds.

Order #	Outputs	Current	(ea.)
82-9190	9	4A	$69.95
82-9195	16	8A	99.95

CCTV Camera Power Supplies

These supplies are designed to supply AC power to 4 or 8 devices via individually fused outputs. This allows multiple cameras to be centrally powered maintaining camera sync and simplifying the installation process.

Order #	Mfr. #	Voltage	Current	Outputs	(ea.)
82-3185	ALTV244	24VAC	4A	4	$82.95
82-3190	ALTV248	24VAC	4A	8	116.15
82-9265	ALTV2416	24VAC	8A	16	149.00



Multi-Output Power Supply

The AL175 can provide power to several devices simultaneously. Built-in circuit breaker provides protection immediately. Output 12 or 24VDC, 1.6A. Two circuit breaker protected, isolated outputs. 120VAC open frame transformer included. Mfr. #AL175.

Order #	(ea.)
82-3180	$150.49

24VAC CCTV Camera Power Supplies

Easy to install 24VAC, UL listed (2044), CCTV power supply and distribution enclosure designed with individually fused outputs for powering CCTV cameras and accessories. **Specifications:** •Input power: 115VAC 50/60Hz, 9A •Main fuse rated at 5A •Surge protected outputs •AC power LED indicator •Individual LEDs for each output •Power on/off switch •Spare fuses and 5' two conductor power cord included.

Order #	Outputs	Current	(ea.)
82-10705	4	4A continuous	$69.00
82-10706	8	4A continuous	89.00
82-10707	16	8A continuous	139.00

12VDC CCTV Camera Power Supplies

Easy to install 12VDC, UL listed (2044), CCTV power supply and distribution enclosure designed with individually fused outputs for powering CCTV cameras and accessories. **Specifications:** •Input power: 115VAC 50/60Hz, 9A •Main fuse rated at 5A •Surge protected outputs •LED indicator for AC power •Individual LEDs for each output •Power on/off switch •Spare fuses and 5' two conductor power cord included

Order #	Outputs	Current	(ea.)
82-10700	4	2.5A continuous	$94.00
82-10701	8	3A continuous	99.00
82-10702	16	8A continuous	129.00

Camera Mounts

Ceiling Camera Mount

Heavy-duty camera mount features a unique 5-terminal screw block in ceiling mount bracket housing to simplify concealed wiring. Adjustable pivot-head and rotating ceiling bracket allows for overall 270° swivel and 170° tilt adjustment. 22 lb. capacity. Mounting hardware included. Mount is black.

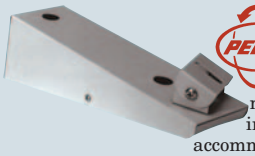
Order #	(ea.)
82-11550	$19.99

Dual-Camera Table-Top Mount

Heavy-duty camera mount features a sturdy dual-camera pedestal mount design with two hex-key-adjustable, locking pivot heads to secure cameras. Four anchor holes are predrilled in base to secure pedestal to a variety of surfaces. 22 lb. balanced capacity. Includes 5/32" hex key. Mount is black.

Order #	(ea.)
82-11555	$19.99

Camera Mounts



Camera Mount

The CM1300 is a light duty camera mount designed for indoor use and will accommodate cameras weighing up to 25 lbs. The CM1300 is versatile in that it can be mounted directly to a wall or adapted to a standard 2 x 4" electrical box. Manufactured from steel, the CM1300 features a manually adjustable head, "keyhole" mounting slots, feedthrough holes, and removable bottom cover.

Order #	Description	(ea.)
CM1300	Camera mount	$11.29

Wall Mount

Wall mount with cable feedthrough and integrated weatherproof transformer (IWM24) designed for use with Intercept or Spectra® and DF5 pendant series. Supports up to 75 lbs. Can also be used with PP4348 for parapet rooftop applications. Gray finish. 120VAC input, 24VAC output.

Order #	(ea.)
IWM-GY	$89.95

Camera Mount

The CM1450 is a light duty camera mount designed for wall mount applications. The CM1450 is manufactured from aluminum and die-cast for low cost efficiency and features an easily adjustable swivel head which allows for unlimited 360° pan rotation and ±90° tilt adjustments. The CM1450 utilizes a set screw for final positioning of the swivel assembly. The CM1450 will accommodate cameras weighing up to 7 lbs.

Order #	(ea.)
CM1450	$29.95

NEW

Ceiling/Wall Camera Mount

Specifically designed for the Pelco #CC3610, CC3710 and CC3770 series cameras, this mount integrates full feedthrough connections for both coax and UTP cabling, and can be mounted to any single-gang junction box. **Includes:** Mount neck, mount cover, adaptor plate, 10-conductor cable, and two ¼-20 screws. •Color: White

Order #	(ea.)
PCM150	$59.95

Camera Mount

The EM22 has been designed and engineered for use with various Pelco enclosures. The EM22 mounts to a wall or other vertical surface and features a cast aluminum wall arm which minimizes undesired horizontal movement. The unit features a fully adjustable swivel head allowing 360° horizontal movement. Fabricated from corrosion resistant aluminum, each unit will support loads up to 40 lbs. In addition, the EM22 can be adapted for pole mount applications when used with the PA100 mount adaptor.

Order #	(ea.)
EM22	$75.49

Ceiling Camera Mount

Universal for cameras weighing up to 7 lbs. T-rail clip for use in false ceiling applications. Adjustable swivel head with set screw for final positioning of swivel assembly.

Order #	(ea.)
BS1750	$11.29

Suction Cup Camera Mount

Capable of holding CCTV cameras up to 3 lbs. Quick installation for use in police cruisers and school busses. Mfr. #809.

Order #	(ea.)
82-9465	$34.95

CCTV Camera Mount Knuckles

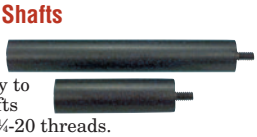
Knuckle assemblies are available with knob adjustment. Knuckles came with ¼-20 male/female threads and lock ring.

Order #	Mfr. #	Description	(ea.)
82-3865	851-00	Black w/knob	$16.11
82-3870	851-00W	White w/knob	16.11

CCTV Camera Micro Mounts

Unique component system allows you to build one of twelve different versions for today's smaller cameras. **Includes:** Steel shafts screw together for 2", 4", or 6" lengths; Knob or set-screw option (both included); 2" diameter mounting foot or T-bar clip (both included). Quality ball housing provides 120° tilt and 360° camera rotation. Comes with ¼-20 male stud and easy to use lock ring. Shafts are ½" diameter. Vinyl cover adds a finished look. Models are available in cream (shown) or black.

Order #	Mfr. #	Color	(ea.)
82-7145	845-246W	Cream	$17.19
82-7150	845-246	Black	17.19



CCTV Camera Mount Shafts

Shafts are available in 3" and 6" lengths. Screw the shafts directly to your base plate. All shafts come with male/female ¼-20 threads.

Order #	Mfr. #	Description	(ea.)
82-3835	856-03	3" black shaft	$8.99
82-3840	856-03W	3" white shaft	8.99
82-3845	856-06	6" black shaft	9.99
82-3850	856-06W	6" white shaft	9.99

Camera Mounting Bracket

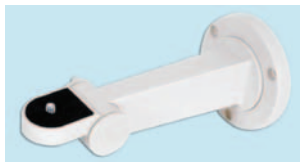
Made of high impact ABS plastic for durability. Maximum load is 7.5 lbs. Light gray.

Order #	(1-4)	(5-up)
82-915	$9.99	$9.77

Adjustable Camera Mount

•Mount on interior wall or ceiling •Constructed of high impact plastic •Size: 7" •Capacity: 7.5 lbs. •Swivel angle: 360° rotation •Tilt angle: 180°

Order #	Color	(1-4)
82-11380	Putty	$7.99



Versatile Camera Mounting Bracket

Economical, multi-purpose camera mounting bracket for most CCTV applications. Coated metal construction. Four-piece bracket facilitates both wall and ceiling mounting in straight, or L-shape configuration. Maximum load 6 lbs.

Order #	Color	(1-4)
82-11375	Black	$8.99
82-11376	Putty	8.99

Universal Camera Mount with Ceiling Clip

•12 possible combinations •1" mounting head adjustable up to 180° •2" drop ceiling "X" clip •2⅜" free-standing/wall mount base •Two 2" long shafts •One 1" shaft •¼"/20 threads throughout •All parts interchangeable

Order #	Color	(ea.)
82-11335	Black	$9.95
82-11336	White	9.95

Camera Mounting Bracket

Low cost mounting bracket for most CCTV applications. Constructed of aluminum for extra durability. Maximum load 6 lbs. Black.

Order #	Description	(ea.)
82-910	Camera mount	$7.99
82-8195	Suspended ceiling clip	2.29

Camera Mounts

Heavy-Duty Camera Mount

Heavy-duty aluminum camera mount features a 22 lb. capacity and 12" length. Excellent choice for use with any camera or housing. 360° swivel and 170° tilt angle.

Order #	Color	(1-4)
82-11390	Putty	$13.95

Single-Point Adjustable Heavy-Duty Camera Mount

Easy, one-step adjustment under pivot head makes mounting your camera, or housing, fast and simple. 360° swivel and 170° tilt angle. Size: 9.5". Heavy-duty aluminum construction with 22 lb. maximum capacity. Single 5mm hex bolt adjustment. (#22-8870 hex key set).

Order #	Color	(1-4)
82-11385	Putty	$13.95

Heavy-Duty Adjustable Camera Bracket

11" heavy-duty universal camera bracket for wall mounting cameras. Excellent for pan and tilt or outdoor housings. Silver aluminum. Mfr. #CST-175.

Order #	(ea.)
82-2825	$23.95

Camera Enclosures

NEW

speco technologies DVR/VCR Lockbox with Fan

Safely lock desktop DVR or VCR units measuring up to 21" (W) x 21" (L) x 8" (H). **Features:** •Integrated fan with power cord •Washable filter •16AWG steel •Durable powder-coat finish •Cam-locking door front (two keys included) •Knock-outs for cable entry •Removable lid provides easy access •Secures to mounting surface using factory drilled holes •Rubber bumpers protect mounting surfaces •Weight: 18 lbs.

Order #	(ea.)
82-12265	$169.00

VCR Lock Box

The LB1000 Series are horizontal lock boxes designed to provide high security protection for top or front loading VCRs. These lock boxes maintain security integrity for all tape recordings by means of a metallic front panel with tamper-resistant lock. The smoked acrylic window in the front panel allows complete viewing and monitoring of the unit during recording and operation. Front loading VCRs can be easily accessed by unlocking the forward opening front panel. The gas strut hinged lid provides convenient access to all top loading VCRs. Added features such as vented side panels and a continuous duty fan assembly help maintain an ambient operating temperature in all AC models.

Order #	(ea.)
LB1000	$204.00

Outdoor Camera Housing

Indoor/outdoor camera housing to protect the camera from harsh environments. Constructed of extruded aluminum for durability. Cable penetrations are protected by moisture resistant chucks. Built in fan and heater keep optics from fogging and the fan keeps air moving during the heat of the day. Power: 120VAC.

Order #	(1-4)	(5-up)
82-3540	$69.95	$64.95

EH3508 Enclosure

The EH3508 indoor/outdoor, low-cost camera enclosures are constructed from die cast and extruded aluminum. The EH3508 is the smallest of our environmental enclosures and can be used with cameras having fixed focal length or motorized zoom lenses (with or without auto-iris operation). The enclosure features a front hinged lid, two adjustable cable glands on the bottom, and a rear link–lock latch that can be used with a padlock for applications requiring additional security. The EH3508 is ideal for small cameras and fixed mount applications.

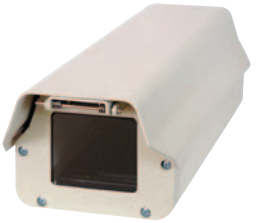
Order #	(ea.)
EH3508	$89.95

Indoor Ceiling Mount Camera Enclosure

Low profile ceiling enclosure designed for use with solid-state CCD cameras. This enclosure is designed for use fixed or dropped (false) ceilings. The upper section mounted above the ceiling is constructed of aluminum to meet most fire code requirements. The EH2100 has a riveted back box. Because of the lightweight design, the enclosure can be mounted directly on a ceiling tile without the use of an additional mounting plate. The lower section is hinged to provide convenient access for camera and lens adjustments. The adjustable camera mounting sled allows the camera to be positioned vertically or horizontally, depending on the camera size.

Order #	(ea.)
EH2100	$99.00

Weatherproof Camera Housings



Outdoor camera housing features aluminum construction with enamel finish, fixed support bracket mounting threads. Spring-loaded front lid hinge makes installing cameras easy, and lockable hasp latch keeps lid securely closed. Dual moisture resistant cable chucks included. Heavy-duty bracket sold separately (#82-11390 recommended). Inside dimensions: 12.5" (L) x 4.0" (W) x 3.5" (H). Power: 24VAC.

Order #	Description	(1-4)
82-11412	Housing only	$39.95
82-11413	Housing w/fan and heater	54.95

Indoor/Outdoor Camera Housing and Bracket

Indoor/outdoor camera housing features UV resistant ABS construction with side-opening hinged lid, adjustable camera mounting cradle, and single knock-out port for cable/wire access through the mounting bracket. Heavy-duty aluminum bracket is specifically designed for housing providing cable management throughout assembly to hide and protect cables and features a 340° pivot and 160° tilt. Mounting hardware included. Inside dimensions: 11.0" (L) x 4.0" (W) x 6.0" (H). Power: 24VAC.

Order #	Description	(1-4)
82-11415	Housing only	$54.95
82-11420	Housing w/fan and heater	69.95

Weatherproof Camera Housings

Outdoor camera housing features aluminum construction with enamel finish, adjustable support bracket mounting nuts, and dual moisture resistant cable chucks. Remove back panel and slide-out camera mounting plate to install camera. Heavy-duty brackets recommended (#82-11385 preferred; also fits #82-11390). Inside dimensions: 12.5" (L) x 3.5" (W) x 3" (H). Power: 24VAC.

Order #	Description	(1-4)
82-11405	Housing only	$39.95
82-11410	Housing w/fan and heater	54.95

Indoor/Outdoor Camera Housings

Indoor/outdoor housings featuring extruded aluminum construction, adjustable support bracket mounting nuts, and dual moisture resistant cable chucks. Remove back panel and slide-out camera mounting plate to install camera. Heavy-duty brackets recommended (#82-11385 or 82-11390). Inside dimensions: 12.5" (L) x 3.5" (W) x 3" (H). Power: 24VAC.

Order #	Description	(1-4)
82-11395	Housing only	$24.95
82-11400	Housing w/fan and heater	39.95

Photo Beams

OPTEX Photoelectric Detectors

The BX-80N creates a multi-layered, horizontal barrier that detects intruders and sounds the alarm before they actually break in. Just one BX-80N can protect a long area, because it is installed in the center of the detection area and protects on both sides. UL listed. **Features include:** 80' long range detection; Limited detection range function; Size judging function; Easy installation; Alarm indicator; Attractive slender design. **Specifications:** 10~28VDC, 38mA. Mfr. #BX-80N.

Order #	(ea.)
82-7700	$149.00

Indoor/Outdoor Infrared Photobeam Sensors

Photobeam sensors emit an infrared beam that detect intrusion when the beam is broken. Contact rated at 30VDC/AC. Maximum current 500mA. Dimensions: 2½" x 2½" x 5½". 30 meter maximum distance. 50~100mS response time. 40mA current required.

Order #	(ea.)
82-980	$69.95

OPTEX 5 YEAR WARRANTY

Indoor/Outdoor Photoelectric Beams

These photoelectric beams for perimeter protection offer exceptional performance and easy installation. **Features include:** •Visually displayed alarm condition •Fine angle adjustment for alignment •Twin synchronized pulsed beams designed for greater stability •99% beam blocking rate •Automatic gain control circuit •Adjustable beam interruption period •Lightning and surge protection •Highly durable and heat resistant housing cover •Visible alarm indication LED through viewfinder •UL listed

Specifications:

Range	Outdoor 100', indoor 200'
Beam characteristics	Pulsed infrared
Interruption period	50~500 mS (selectable)
Power input	10.5-28VDC
Current draw	46mA max. (normal)
Alarm period	2 sec. (±1)nominal)
Alarm output	Form C relay (28VDC 0.2A max.)
Tamper switch	N.C. opens when cover is removed (receiver only)
Operating Temperature	-13°F~131°F
Alignment angle	±5° vertical, ±90° horizontal
Dimensions	7.7" (H) x 3.1" (W) x 3.3" (D)
Weight	36.7 oz.

Order #	Mfr. #	(ea.)
82-7610	AX-100PLUS	$149.00

OPTEX 5 YEAR WARRANTY

Photoelectric Detectors

The BX-100PLUS "BoundaryGard" is a slim 2" x 9" photoelectric detector for the exterior surface of buildings which protects multiple doors and windows. BX-100PLUS provides more economical and superior protection for roll-up doors and windows than multiple contacts or audio discriminators. Attempts to break glass or force entry are detected before the attack. Even when windows or roll-up doors are left open for ventilation, BX-100PLUS stays on guard. Indoor range is 200' and outdoor range is 100'. **Features include:** Full time (NO/NC) relays, attractive slender design, easy alignment with visual and audible indicator, and light reduction filter. **Specifications:** Voltage: 10.5~28VDC, 75mA. Mfr. #BX-100PLUS.

Order #	(ea.)
82-7660	$159.00

Infrared Photobeam Sensor

Dual photobeams reduce risk of false alarms. Unit alerts of intrusion when beam is broken. Alarm output is non-voltage contact rated up to 24VDC, 1A. Maximum alarm distance 10m, response time 50~100mS. Input power 12VDC, 70mA. Dimensions: 1" x 1" x 4" without mounting bracket. Indoor use only.

Order #	(ea.)
82-975	$39.95

Personal Alarms

Alert Mate

Safety at the flick of a switch! With a 130dB siren everyone will know that you are in danger. Packaged in a strong ABS plastic housing makes it very durable. You can activate the siren by the "ON/OFF" switch, or by pulling the pin from the top. Requires one 9V battery not included (#292-035).

Order #	(1-3)	(4-up)
82-610	$10.50	$8.54

Alert Pendant

Now you can own the smallest but loudest 110dB personal alarm. With two different length cords you can use it as a pendant, a bracelet, or in a variety of ways. Requires two "N" batteries not included (#291-070).

Order #	(1-3)	(4-up)
82-615	$7.39	$5.86

Counter Surveillance

RF Detector with Frequency Display

The latest technology in hand-held radio frequency detection. It incorporates a sophisticated microprocessor circuit which makes sweeping for transmitters effective and efficient without complicated adjustments. It features a 10 digit LCD frequency display and ultra sensitive 16 section bar-graph. It also has a microprocessor filter circuit which prevents nuisance alarms from random frequencies. Features silent vibration alarm, battery low indicator and built-in Ni-Cd battery and charger with a battery life of six hours. Frequency range: 30MHz~2.8GHz. Size: 3.3" x 2.7" x 1.2" •9VDC adaptor included.

Order #	(1-4)	(5-up)
82-4260	$319.00	$302.82

DEFENDER SECURITY Counterfeit Detector Pen

Each pen contains a patented chemical formula, which leaves a light amber mark on domestic and most international currencies, and a black or dark brown mark on counterfeit bills. 98% accurate.

Order#	(ea.)
82-10130	$0.99

DEFENDER SECURITY Surveillance Sunglasses

Designed for tracking and anti-tracking, these sunglasses act like the rear-view mirrors on your car. Black frames.

Order #	(ea.)
82-4290	$25.49

Pen Scope

Pocket sized pen scope for surveillance applications. 6x10 magnification. Black matte finish. Nylon carry case included.

Order #	(ea.)
82-7715	$24.95

10-30 x 60 Zoom Binoculars

600mm coated objective lenses give you more light transmission than regular full size binoculars. Fold-down rubber eyecups for comfort and heavy-duty rubber covered body for durability. Great for hiking, hunting or bird watching. Field of view: 180' at 1000 yards at 10x. **Includes:** Carry case, neck strap, lens covers and cleaning cloth.

Order #	(ea.)
80-4875	$120.19

Visonic Ltd Powermax+® Wireless Security System

PowerMax®+ is the most advanced home security and automation platform available today. More than just an intruder alarm, PowerMax+® is designed to integrate into your home automation system. Using X-10 carrier technology, it can control lights, appliances, entertainment centers, HVAC systems, and even irrigation and energy usage. You can also add a web communicator module and wireless camera(s) to view your premises remotely over a standard web browser. **Features:** •30 zones; 28 fully supervised wireless zones plus two 12V powered hardwired zones •Integral backlit keypad and LCD display •Full visual and natural voice prompts and notification •Built-in siren plus two 12V siren outputs •Two-way voice; half and full duplex •15 home automation outputs (X-10) for lights, appliances, HVAC •Message center •Phone dialer capable of notifying up to four private phone numbers •"Inactivity" feature for elderly or special needs situations •Latchkey modes to supervise children •Wide range of transmitters, detectors, sirens, home automation devices available •Remote keypad option. **System includes:** One control panel with integrated siren and keypad, one four-button keyfob, two wireless window/door contacts, one wireless 40 lb. pet tolerant PIR, and one power transformer. Dimensions: 13.0" x 9.0" x 6.0". 5 lbs. See www.mcmelectronics.com for more details.

Order #	Mfr. #	(ea.)
82-11565	POWERMAX+	$299.00

Visonic Ltd Powermax+® Wireless Security Panel Accessories

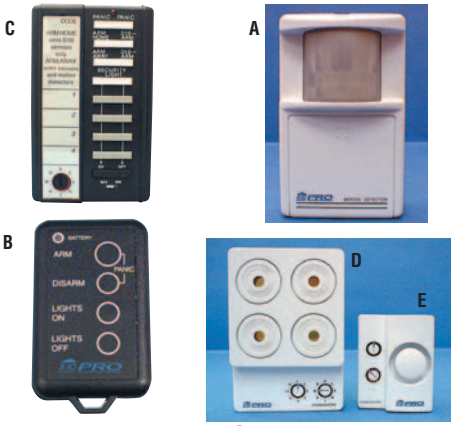
Fig.	Order #	Mfr. #	Description	(ea.)
A	82-11570	MCM-140	Wireless keypad 1-way	$69.95
A	82-11571	MCM-150	Wireless keypad 2-way	199.00
B	82-11575	K-940MCW	40 lbs. pet PIR	84.95
C	82-11576	K-985MCW	85 lbs. digital pet PIR	89.95
D	82-11577	MCT-302	Magnetic contact set	41.95
E	82-11578	MCT-234	Four-button keyfob	49.95
F	82-11579	MCT-425	Smoke detector	84.50
F	82-11580	MCT-430 UL	Smoke detector UL listed	129.00
G	82-11581	MCT-501	Glassbreak detector	119.00
H	82-11582	MCT-550	Flood detector	54.95

Wireless Alarms

Visonic Ltd PowerLink Web-Based Surveillance and Control System

PowerLink enables users to observe and control their homes, offices and other premises via the internet from anywhere in the world from any computer using a standard browser and a high-speed internet connection. Simply connect the Powerlink module to your PowerMax+ station, and the 2.4GHz wireless PowerLink will "talk" to your wireless broadband DSL/cable modem, connecting your security system and cameras to your network, and the internet. **Features:** Easy-to-use, intuitive user interface •Easily customized by user •Simple module installation and IP camera auto configuration •Auto adaptation to home networks •Access for up to four IP cameras •Pre- and post-alarm image capture •Secure connection: User authentication and SSL data encryption plus extended camera privacy options •No need for special software at remote access point •Event reporting by e-mail, text message and on-screen alerts •Convenient access to the PowerMax+ event log •Remote camera "zoom in" and "save image".

Order #	Mfr. #	Description	(ea.)
82-11590	POWERLINK	Control module	$399.00
82-11591	POWERLINK Kit#1	Control module plus one 802.11g WiFi IP camera	679.00
82-11592	CAM-2000WL	802.11g WiFi IP camera	279.00



Wireless Security Accessories

X10 PRO Automation for the Professional

Customize your wireless security system to suit your personal needs.

Fig.	Order #	Description	(ea.)
A	PMS01	PIR Motion sensor	$42.95
B	PKR02	Keyfob remote control	20.95
C	PSR01	Keypad remote control	19.19
D	PSH01	Powerhorn remote	35.39
E	PSH02	Small Powerhorn	23.95

Wireless Transmitters

Wireless transmitters for use with security systems or automobiles. Allows user or installer to have remote access to a remote system to arm/disarm, open a door or any other desired function. Transmitters are small enough to keep on keychain or in pocket. Available in one or two channel. Optional extended range antennas connect to the receiver and boost reception to 1600' with #82-8510. Power is supplied by the receiver. Extended range antennas include 9' of cable and mounting tape.

Order #	System	(ea.)
82-2590	1 channel transmitter	$20.15
82-2595	1 channel receiver	40.35
82-2600	2 channel transmitter	30.70
82-2605	2 channel receiver	51.20
82-8510	Dipole antenna	16.95

Audio Serveillance

ETS SM1 Microphone

Omnidirectional electret microphone with built-in low noise MOSFET amplifier. Amplifier provides line output with adjustable gain. Flush or surface mount in a standard single gang electrical box. Ivory faceplate.

Order #	(ea.)
SM1	$50.45

Four Input Audio Surveillance System

The SM7 kit contains four SM1 microphones, an SM4 switcher/mixer/amplifier and adaptor. This kit is ideal for monitoring four locations at one time or sequentially and recording the audio to a video tape recorder.

Order #	(kit.)
SM7	$402.99

NEW

MG Audio Pick-Up Microphones

Add audio capability to any CCTV camera. Highly sensitive microphone and DC12V regulator built right into device. The #82-12145 mic facilitates remote audio only, and the #82-12146 has an additional connection for video. **Specifications:** •Audio output: maximum 2V p-p •Power consumption: 10mA •Operating temperature: -10°~45°C •Power supply: 12VDC (#82-3950) •See www.mcmelectronics.com for additional information **Note:** Not for use in covert surveillance applications. Consult your state laws restricting audio monitoring.

Fig.	Order #	Description	(ea.)
A	82-12145	Audio pick-up mic	$9.95
B	82-12146	Audio pick-up mic w/video	9.95

Motion Detectors

5 YEAR WARRANTY

OPTEX PIR Detector

EX-35Ts unique "Flip-Lens" design offers either a 35' x 35' wide angle detection pattern or a 55' x 5' long range pattern. With high quality spherical lens design and 64 zones of coverage (wide angle), EX-35T has the highest performance of any detector in its class. EX-35T also features a built-in pet alley adjustment, selectable pulse count, and optional mounting brackets. EX-35T has twice the features of other PIRs, at half the cost. UL listed. **Specifications:** Voltage: 9.5~14VDC, 18mA. Mfr. #EX-35T.

Order #	(ea)
82-7690	$24.49

OPTEX 5 YEAR WARRANTY

360° Ceiling Mount PIR Detector

The FX-360 ceiling mount PIR installs more easily, provides unparalleled 360° detection performance, and is less conspicuous than traditional wall mount detectors. This slim detector is less than 1.5" tall x 4.75" diameter and provides 25'~40' pattern on 8' ~12' ceilings. FX-360 also features 62 detection zones, selectable pulse count and a durable hard plastic lens. UL listed. **Specifications:** Voltage: 9.5~18.5VDC, 18mA. Mfr. #FX-360.

Order #	(ea)
82-7650	$59.95

OPTEX 5 YEAR WARRANTY

PIR Detector

The FX-40 exceeds the requirements of virtually any application. With 72 zones of perfectly engineered detection, the FX-40 combines multi-focus optics, spherical lens design, and look down zones to create a 40' x 40' wide angle detection pattern. UL listed **Features include:** Temperature compensation circuitry, sealed optics, "ECO" technology for unsurpassed stability, and an adjustable pulse count. **Specifications:** Voltage: 9.5~16VDC, 17mA. Mfr. #FX-40.

Order #	(ea)
82-7645	$29.95

OPTEX 5 YEAR WARRANTY

PIR Detector

CX-50's dual pattern lens rotates for either a 50' x 50' wide angle pattern or a 80' x 6' curtain pattern (with look down zones). CX-50 covers large areas with high performance detection and is built for "heavy-duty" commercial and institutional applications. **Features include:** Spherical lens design, temperature compensation circuitry, and double conductive shielding of the sensor element. UL listed. **Specifications:** Voltage: 9~18VDC, 15mA. Mfr. #CX-50.

Order #	(ea)
82-7695	$73.95

OPTEX 5 YEAR WARRANTY

Integrated PIR and Microwave Detector

This dual technology detector features both microwave detection and Quad zone logic passive infrared detection. The DX-40 improves security by supervising PIR and Microwave signals and reporting either PIR masking or microwave failure. Microwave shaping creates an 85° pattern which "fits" rooms better, simplifies installation, and reduces microwave spillage. "Quad Zone Logic" PIR technology provides "Pet Immunity" while still maintaining high catch. Simple jumper control for short range or long range detection and three bright LEDs make installation easy. UL listed **Specifications:** Voltage: 9~18VDC, 18mA. Mfr. #DX-40.

Order #	(ea.)
82-7655	$56.95

OPTEX 5 YEAR WARRANTY

PIR Detector with Pet Immunity

Features "Quad Zone Logic" for accurate detection of humans. Designed to give extremely high false alarm protection with tolerance to spot temperature changes from curtains or small to medium size animals. Detects IR energy changes in both areas and then couples them for extremely accurate detections. Range: 40' x 40'. UL listed. **Features:** RFI protection and temperature compensation logic. **Specifications:** Voltage: 9.5~16VDC, 17mA. Mfr. #RX-40PI.

Order #	(ea)
82-7640	$23.75

Alarm Panels

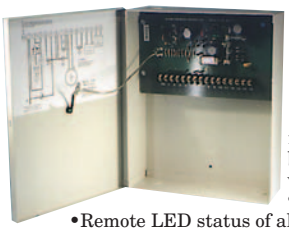
Security Key Switches and Station Plates

Key switches are rated for 2.8A at 24VDC and 15A at 48VAC. Brass contacts provide longer life. Station plates are brushes satin aluminum with 6~12VDC operating voltage. Designed for single gang box installations.

Fig.	Order #	Description	(1-9)
A	82-130	Single red LED station plate	$7.19
B	82-135	Red/green LED station plate	8.99
C	26-070	Screw terminal switch SPST	5.15
D	26-500	Momentary contact key switch	5.76
D	26-502	Momentary contact key switch W/common key	5.76

ALARM CONTROLS CORPORATION

Alarm Control Panel

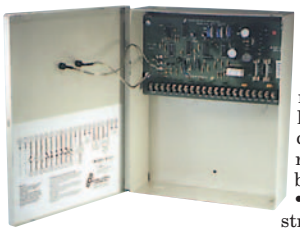


•Four wire remote stations •Bell cut-off auto restore •24 hour latching panic circuit •Built-in charger for sealed lead acid battery •Regulated voltage output •N/O and N/C loops •Remote LED status of all loops •Dry contacts rated 5A •Protected against static and lightning **Specifications:** •Power input 12VAC, 20VA class 2, plug-in transformer (not supplied #82-8305) •Standby: Rechargeable type, 12V sealed lead acid, gel type up to 4Ah capacity, battery not supplied (#29-1335) •Outputs: Bell, 12VDC, 1.6A •Dry contacts: SPST, N/O, (1 form a), contacts rated 5A, at 28VDC or 115VAC •Regulated voltage: 13.8VDC, 300mA filtered •Remote LED: Control will accept up to three LED remote stations •Green loop LED, red arming LED •Dimensions: 9" (W) x 11" (H) x 3" (D) •Weight: 6 lbs. •Mfr. #6126

Order #	(ea.)
82-090	$109.95

ALARM CONTROLS CORPORATION

Alarm Control Panel with Entry/Exit Delay



•Adjustable entry/exit delay •Fail safe arming •Bell cut-off auto restore •24 hour latching panic circuit •Four wire remotes •Built-in battery charger •Built-in pulse stretcher •Delay loop back-up circuit •Regulated voltage output •Dry contacts rated 5A •Remote instant/delay switch •Full static and lightning protection **Specifications:** •Power input: 12VAC, class 2, plug-in transformer (not supplied #82-8310) •Standby: Rechargeable type, 12V sealed lead acid, gel type up to 4Ah capacity (battery not supplied #29-1335) •Output: Bell, 12VDC, 1.6A •Dry contacts: SPST, N/O, contacts rated 5A, at 28VDC or 115VAC •Pre-alarm: 12VDC for SC628 Sonalert or equivalent •Regulated voltage: 13.8VDC, 300mA filtered •Secure LED: Green; armed LED: Red •Remote instant/delay switch SPST (delay active when open) •Weight: 6 lbs. •Dimensions: 9" (W) x 11" (H) x 3" (D) •Mfr. #6131

Order #	(ea.)
82-095	$116.15

Digital Keypad

Digital keypad with built-in 5A relay for door strikes and other security and access control systems. Includes over 100 million codes, four levels of user coding, duress output, egress input, three LEDs, built-in buzzer and EEPROM memory.

Order #	(ea.)
82-2565	$49.95

Magnetic Contacts

28 Series Surface Mount Switch

The 28 series switch is designed with hidden terminals. The terminals are recessed on the back allowing for tamper resistant installations without the need for covers.

Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3320	28A	Standard	$3.88	$3.47	$2.84
82-3321	28AWG	Wide gap	4.81	4.32	3.57
82-3322	28AXWG	Extra wide gap	5.73	4.91	4.09

29 Series Surface Mount Switch

The 29 series switch is the most versatile switch used today in commercial and residential applications. The 29P series comes with 24" jacketed lead.

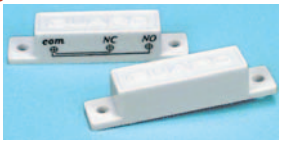
Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3323	29A	Standard	$3.73	$3.32	$2.80
82-3324	29AWG	Wide gap	4.81	4.32	3.57
82-3325	29QXWG	Extra wide gap	5.73	4.91	4.09
82-3326	29PA	Standard	6.14	5.48	4.53

50 Series Miniature Switch

50, 50F and 55F series switches are the most chosen switch configurations for residential installations. Low profile and self adhesive 3M tape make installation quick and simple. 50F and 55F come with break aways for applications where screw mounts are needed.

Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3355	50-12	Standard	$3.17	$2.84	$2.42
82-3356	50-12WG	Wide gap	3.78	3.37	2.73
82-3357	50F-12-BA	Standard	3.17	2.84	2.42
82-3367	55F-12-BA	Standard	3.17	2.84	2.42
82-3368	55F-12WG-BA	Wide gap	3.78	3.27	2.65

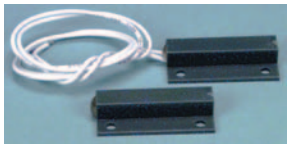
Standard Type Magnetic Alarm Switch



•For use on windows and doors as detectors for alarm systems •.5A at 20VAC/DC rating •Contains both N/O and N/C contacts

Order #	(1-9)	(10-up)
82-010	$3.39	$3.18

Mini Standard Type



•For use on windows and doors as detectors for alarm systems •Normally closed operation •Attaches with two screws (not included) or with attached foam tape •Dimensions: ½" (W) x 1¼" (H) x ¼" (D)

Order #	(ea.)
82-015	$1.59

100 Series Surface Mount Switches

The 100 style switch is one of the most popular miniature surface mount switches used in installations. Available in both flanged and without flange they are perfect for residential and commercial use.

Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3275	100-12	Standard	$3.47	$3.05	$2.52
82-3276	100-12WG	Wide gap	5.32	4.74	4.00
82-3277	100-T	Screw terminals	3.58	3.27	2.73
82-3278	100-TWG	Wide gap w/term	5.32	4.74	4.00
82-3283	110-T	Standard w/terminal	3.58	3.27	2.73

Ventilation Switch

Allows for ventilation without disarming the system. Window can travel six or eight inches without breaking contact, enough for fresh air, not enough for intruders.

Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3389	VS-06	6" switch	$16.35	$14.30	$11.22
82-3390	VS-08	8" switch	20.45	17.37	14.30

5000 Series Recessed Switch

5065 Series switch is ⅞" length, ⅜" diameter press fit switch with 12" leads (white) with ⅜" diameter magnet. Standard. Mfr. #5065.

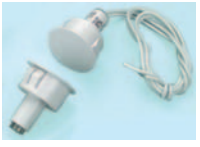
Order #	(1-4)	(5-9)	(10-up)
82-3342	$2.35	$2.10	$1.68

50R Series Switches

50R and 50RF series switches are ¼" diameter switches designed for applications where a small diameter recessed switch is required. These are ideal for residential applications where no sign of an alarm system should be seen.

Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3360	50R-12WG	Wide gap	$3.78	$3.37	$2.73
82-3362	N50RF-12	w/Neodymium magnet	3.78	3.37	2.73
82-3363	50RF-12WG	Wide gap w/flange	3.78	3.37	2.73

180 Series Steel Door Switch



The 180 series switch is a ¾" diameter recessed switch designed for residential, commercial and industrial steel doors and frames.

Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3287	180-12	Standard	$4.29	$3.79	$3.15
82-3288	180-12WG	Wide gap	5.83	5.16	4.32

Recessed Mount

•8" leads •Operating gaps: ½" pickup, ¾" release •Side flanges snap off to fit narrow places •Normally closed •½" x ⅜" x ¾" flange

Order #	(1-9)	(10-up)
82-050	$2.99	$2.59

2020 Series Press Fit Switches

These switches are some of the most versatile in a variety of applications. They stand up to pressure from swelling wood, shifting framing and extremes in temperature. This is due to the use of hot melt potting filler rather than hard epoxy which does not give or flex. ⅜" diameter switch.

Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3295	2020-12	Standard	$2.86	$2.52	$2.10
82-3300	2020-T	Terminals	3.47	3.05	2.52
82-3301	N2020-T	Neodymium magnet, terminals	4.40	3.89	3.27

200 Series Industrial Overhead Door Switch

The 200 series switch is an industrial grade floor mount switch primarily used where heavy traffic makes it impossible to use a plastic encapsulated switch.

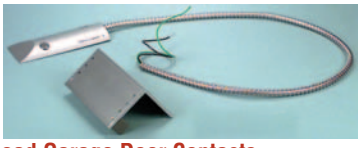
Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3293	200-36	Aluminum	$22.50	$19.42	$16.35
82-3319	250-36	Aluminum	25.57	24.23	21.06

4532 Series Miniature Overhead Door Switch

The 4532 low profile switch is made from cast aluminum for durability in harsh environments. The switch has 2' of armored cable and a versatile universal magnet which can be mounted at various angles for difficult installations.

Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3338	4532	Standard	$15.32	$13.67	$11.56
82-3339	4532L	Standard w/"L" bracket	16.35	14.73	12.62

Overhead Garage Door Contacts



•Rugged waterproof aluminum housing with 2' stainless steel protective cable SPST switches rated at 130VAC/DC •Normally open contact for normally closed circuits •Universal mount: 2" pick-up, 3" release

Order #	(ea.)
82-030	$20.15

Twisted Pair Alarm Wire

Twisted pair alarm wire for use in new alarm installation and upgrades. 22AWG and 18AWG solid conductor. Color coded PVC insulation, white and light gray, for easy identification.

Order #	Length	AWG.	(ea.)	(2-4)	(5-up)
24-2455	100'	22	$17.95	$15.00	$13.97
24-2460	500'	22	76.95	69.33	64.10
24-2470	100'	18	15.95	13.32	12.40
24-2480	1000'	18	177.00	160.23	146.88

Magnetic Contacts

TS Series Tamper Switch

Adjustable plunger actuated switch with a smaller diameter for applications where a standard roller ball switch is too large. The ⅜" diameter makes it ideal for window and door applications. Standard. Mfr. #TS-20.

Order #	(1-4)	(5-9)	(10-up)
82-3386	$5.32	$4.74	$3.89

Plunger Switch

The plunger switch incorporates a plunger to activate in the shortest most compact package available. These are ideal for securing vinyl or custom windows.

Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3381	PB-2020	Press fit	$3.02	$2.70	$2.28
82-3382	PBF-2020	w/Flange	3.06	2.73	2.31

Emergency Button

SPST N/O momentary surface mounted emergency button for open panic circuits. "Emergency" printed on white case.

Order #	(ea.)
82-2585	$1.19

Tamper Switches

White plunger type tamper switches with screw terminals for panel, siren and bell boxes.

Order #	Contact	(ea.)
82-2575	N/O	$1.44
82-2580	N/C	1.44

Roller Ball Plunger Contact

Roller ball contacts can be activated from 360° using a sliding motion such as that produced by opening a door.

Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3383	RB-01	Standard	$5.24	$4.64	$4.03
82-3384	RB-01T	w/Terminals	5.32	4.84	4.21

Dome Switch

The dome switch can be used in any application where a plunger switch, ball switch or roller switch is used.

Order #	Mfr. #	Description	(1-4)	(5-9)	(10-up)
82-3376	DS-01	Standard	$5.32	$4.74	$3.89
82-3377	DS-01-T	w/Terminals	6.45	5.80	4.84

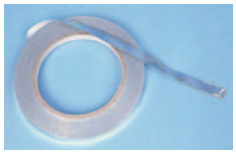
Ball Plunger Switch

- Rolling ball depresses from any angle, perfect for window mounting or door jamb
- Closed circuit operation
- 12" leads • ¾" recess button with screw mount flange
- 1A contacts • White

Order #	(1-3)	(4-up)
82-295	$3.79	$3.29

Glass Break Detectors

Aluminium Foil Loop



Aluminium conductive foil to detect forced entry via glass doors, windows, skylights or even partitioned walls. The tape easily breaks, creating an open circuit which an alarm system can detect. The self-adhesive foil has a width of 9mm and has a liner for ease of use. 45m reel.

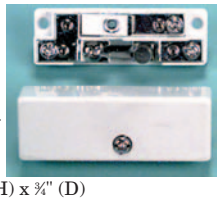
Order #	(1-9)	(10-up)
SR00001	$2.79	$2.69

Foil Block

The double foil block is made from acrylic plastic and has an extended plate. The foil block cover is made from white acrylic plastic. The cover clips on to the foil block to conceal connections and for neater installation.

Order #	(1-9)	(10-up)
SR00158	$0.59	$0.50

Vibration Detector



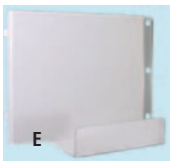
- Senses vibration in walls, ceilings, safes, etc. • Mounts in any position • Adjustable sensitivity • Silver contacts rated at 100mA, 50VDC, 5W
- Tamper-proof cover
- Closed circuit operation
- Dimensions: ⅜" (W) x 2¼" (H) x ¾" (D)

Order #	(1-3)	(4-up)
82-180	$5.83	$5.38

Wiring Enclosure

ELK PRODUCTS, INC.

Structured Wiring Box



The Structured Wiring Boxes are designed to hold the centralized wiring for CATV, telephone, computer networks, etc. as well as the electronics and wiring for security and automation. Whether you are an experienced installer of structured wiring components or a security dealer looking to expand your offerings, the SWB is the ideal package. The SWB is generously sized at 14.25" (W) x 26" (H) x 4.5" (D) and yet mounts easily between standard 16" wall studs. It features a universal rail mounting system allowing it to accommodate equipment from many other manufacturers. **Additional key features include:** Large capacity wire entry hole, a knockout for a standard J box to provide AC power, and a heavy duty lockable cover. **Optional accessories:** Circuit board glides for mounting of security and automation controller boards (two pack). Multi-purpose adaptor plate allows unusual components, boards, devices, etc. to fit onto the SWR rails. Universal mounting rail for mounting of telephone, CATV, and computer network modules (two pack). Battery shelf holds up to a 8Ah battery and mounts to the SWR rails.

Fig.	Order #	Mfr. #	Description	(ea.)
A	33-7484	ELK-SWB14	14" structered wire box	$32.95
B	33-7495	ELK-SWG	Circuit board glides	2.99
C	33-7505	ELK-SWP	Adaptor plate	9.99
D	33-7510	ELK-SWR	Universal mounting rail	6.99
E	33-7515	ELK-SWS	Battery shelf	11.95

Power Supplies and Chargers

Altronix

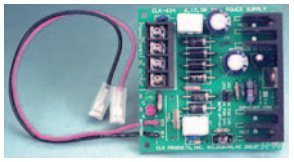
Power Supply/Charger

Use for security, fire, CCTV and access control. Selectable output, 6 or 12VDC, 1.2A. Mfr. #AL 612.

Order #	(ea.)
82-3155	$17.95

ELK PRODUCTS, INC.

Power Supply



The ELK-624 is engineered to be a trouble-free, general-purpose power supply/charger. It is ideal for alarm, access control, and CCTV applications. The ELK-624 features automatic reset "fuseless" overload protection which eliminates service calls to replace blown fuses. On-board diagnostic LEDs visually indicate the presence of the AC charging and CE output voltages. The output voltage is easily selected with easy to change mini-jumpers. These features, along with the compact size make the ELK-624 power supply/charger a must-have for your next job. **Specifications:** Size: 3" x 3" (76.2mm x 76.2mm). Standby battery capacity: 1.2~10AH. Auto-reset overload protection: 2.5A. **6V setting:** Transformer input: 12VAC, 40VA. Continuous output current: 1.2A*. **12V setting:** Transformer input: 16.5VAC, 40VA. Continuous output current: 1.0A. **24V setting:** Transformer input: 24VAC, 40VA. Continuous output current: 800mA. *Higher output current (up to 2.5A) may be drawn for a short time provided a fully charged battery is connected.

Order #	(ea.)
82-2165	$29.95

Altronix

High Current Power Supply/Chargers

These high efficiency, high current power supplies provide the power needed by more demanding security and access control applications, without giving off extra heat. They range in output voltage from 6~24VDC and current from 2.5A~10A.

Order #	Mfr. #	Voltage	Current	(ea.)
82-3160	SMP3	6, 12, 18, 24	2.5	$49.15
82-3165	SMP5	6, 12, 18, 24	4.0	70.65

Altronix

Transformers

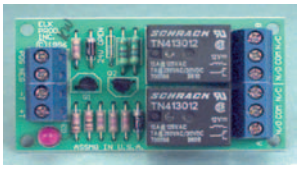
Open frame transformers include AC line cord and secondary leads. For use with SMP series power supplies.

Order #	Mfr. #	Voltage	Current	(ea.)
82-3230	T2428175	28	175VA	$60.42
82-3235	T2428100	24	100VA	44.02

NET 30 Terms
Order Toll Free 1-800-543-4330 Fax 1-800-765-6960

Modules

ELK PRODUCTS, INC. Sensitive Relay



The ELK-924 is a sensitive relay which offers positive (+) or negative (-) trigger activation on as low as 1.2mA of current. It is ideal for access control, home automation, and many other general purpose switching applications. The ELK-924 features switch selectable 12 or 24VDC operation, DPDT form "C" heavy duty contacts, and an LED status indicator. **Specifications:** Operating voltage: 12~24VDC "switch selectable". Trigger current: 1.2mA @ 12VDC. Trigger voltage: 4~24VDC. Nominal current draw: 60mA. Double form "C" contacts rated for: 7A @ 30VDC, 10A @ 125VAC. Diode protection across relay coils. Size: 1.5" (W) x 2.75" (H).

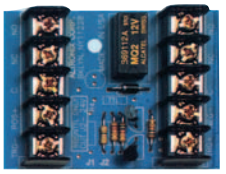
Order #	(ea.)
82-2180	$17.12

Altronix Relay Modules

Each cluster contains six relay modules which can be separated by simply snapping them apart. 12 or 24VDC selectable operation. Single form "C" 10A/120VAC or 28VDC relay contact. Screw terminals handle up to 12 gauge wire. Mfr. #RB610.

Order #	(ea.)
82-3200	$40.35

Altronix Relay Modules



12 or 24VDC selectable operation. 3~24VDC, 1mA positive or negative trigger. Double form "C" 2A, 120VAC/28VDC contacts. Mfr. #RBSN-TTL.

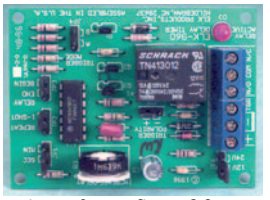
Order #	(ea.)
82-3210	$18.40

ELK PRODUCTS, INC. Compact Relay

The ELK-912 is a high quality 12VDC relay. It features SPDT form "C" heavy duty dry contacts, low current draw, and positive or negative activation. All units are conviently packed in a reusable poly storage box. **Specifications:** Operating voltage: 12VDC nom. Current draw: 30 milliamps. Minimum pull-in voltage: 9VDC. Diode protection across relay coil. Contact ratings: 7A @ 30VDC, 10A @ 125VAC. Size: 1.1" (W) x 1.55" (H) (28mm x 39mm).

Order #	(ea.)
82-2175	$12.07

ELK PRODUCTS, INC. Delay Timer



The ELK-960 Delay Timer is an economical and flexible solution for many general-purpose time delay applications. The unit can be configured for use on either 12V or 24V systems, with positive or negative trigger logic. Trigger voltage can be as low as 4V, making the ELK-960 compatible with 5V logic outputs. Set-up is quick and easy with thumbwheel adjustment between 1 and 60 seconds. A quick jumper setting converts the time from seconds to minutes. The timer can be configured to activate once for each trigger (one-shot mode), or pulse as soon as power is applied (repeat mode). Relay can be configured to be normally on or normally off. **Specifications:** Time settings: 1 sec~60 min. Relay contact rating: 7A @ 30VDC. Trigger voltage: 4~27VDC. Input trigger current: 1.2mA. Current draw with relay on: 40mA. Size: 3" (W) x 2.2" (H) x 1" (D) (fits std. snap track). **12V setting:** Nominal operating voltage: 9~15VDC. **24V setting:** Nominal operating voltage: 21~27VDC.

Order #	(ea.)
82-2190	$33.95

Timer Module

Timer can be set to open or close the relay at the start or end of a timing cycle from 1 to 60 seconds. Can be triggered by positive DC voltage, dry contact closure or open dry contact. The relay can be programmed to pulse activate or activate for one second at the end of the timing cycle. Built-in reset function to manually reset timing cycle. **Specifications:** Relay: Form-C relay, 8A, 120VAC/24VDC. Timer: 12VDC/24VDC, 3mA (standby) 40mA (relay energized).

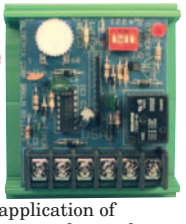
Order #	(ea.)
82-8590	$21.95

Interface Module

A versatile timer, latch and relay module suitable for many simple interface applications where the output from a low level source, such as an alarm control panel, cannot drive a device. The module can be triggered by either 0V input or a voltage between +5V and 15V and has two selectable modes: •Latch after removal of the trigger input until reset •Latch until after preset time delay (0~60 secs) Relay contacts are rated 1A @ 12V, and the module is reset by shorting the two reset pins.

Order #	(1-4)	(5-up)
SR00038	$26.20	$24.67

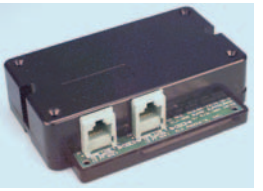
Altronix Programmable Timer Module



12 or 24VDC selectable operation. Quick and accurate time range adjustment from 1 sec. to 60 minutes. LED indicates relay is energized. Form "C" relay contacts are 5A at 120VAC/28VDC. Triggered by application of positive voltage, dry contact closure or release of contact closure. Mfr. #DTMR1.

Order #	(ea.)
82-3250	$47.42

ELK PRODUCTS, INC. Two Line Phone Surge Suppressor



The ELK-955 two-line phone jack and surge suppressor is an extremely effective device for protecting communications equipment from damaging transients coming over the telephone line. **Features include:** Rapid response time, 1 nanosecond, self restores after surges within ratings, breakover voltage 300V, peak current 100A. Mfr. #ELK-955.

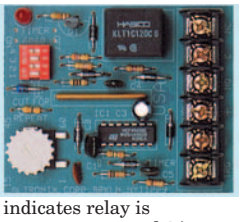
Order #	(ea.)
82-3755	$35.82

Compact Alarm Control Module

A compact loop alarm for a variety of intruder entry and anti-theft applications including anti-shoplifting alarms, intruder alert, boat, caravan or vehicle alarms, storeroom protection, etc. Provisions are made for both a normally closed loop, containing detection sensors such as PIRs or magnetic door contacts, and a normally open loop, containing devices such as pressure mats, security switches, making the module extremely versatile. Battery, on/off switch and bell/sounder terminals are also included, and the bell output will latch when triggered until switched off. All connections are via screw terminals for easy installation, and the unit is supplied in an impact resistant enclosure. •Supply voltage: 9~15VDC •Switched output: 1A continuous •Current: 2A peak •Dimensions: 6 x 43 x 25mm

Order #	(1-4)	(5-up)
SR00036	$49.95	$44.50

Altronix aProgrammable Timer Modules



12 or 24VDC selectable operation. Quick and accurate time range adjustment from 1 sec. to 60 minutes. LED indicates relay is energized. Form "C" relay contacts are rated 8A at 120VAC/28VDC. Triggered by application of positive voltage, dry contact closure, or release of contact closure. Selectable relay activation at the start or end of the timing cycle. Mfr. #6062.

Order #	(ea.)
82-3220	$26.95

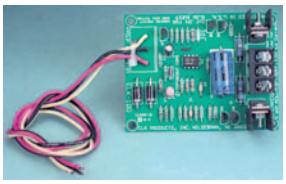
Altronix Programmable Timer

The PT724 is an advanced seven day/24 hour event timer that is simple to program and allows for scheduling of multiple events over the course of a one week period. 12~24VAC or DC operation. Form "C" relay contacts are rated at 10A at 120VAC/28VDC. Mfr. #PT724.

Order #	(ea.)
82-3175	$109.00

Sirens and Siren Drivers

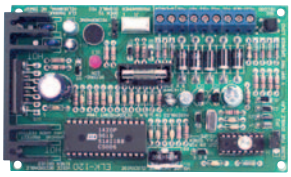
ELK PRODUCTS, INC. High Performance Siren Driver



The ELK-100 Siren Driver is a great choice for residential and commercial security installations. It is extremely loud and draws less current than most siren drivers. Our exclusive **MilliMiser™** option allows further reduction of current draw for controls that have limited alarm or auxiliary output power. The ELK-100 has two inputs, yelp and steady, and comes pre-wired for ease of installation. The yelp input has our unique **ComboTrigger™** feature, especially designed for controls that have a single alarm output with a pulsing option for fire or burglary. When pulsed, this channel produces a distinctive third sound pattern. **Specifications:** Operating voltage: 6~14VDC. Sound level: 122dB. Sounds: Steady, yelp, and slow sweep steady overrides yelp. Nominal current drain: 1.2A. **MilliMiser™** Current draw: 800mA. Size: 2¾" x 3¾" (70mm x 91mm).

Order #	(ea.)
82-2140	$25.95

ELK PRODUCTS, INC. Recordable Voice Module and Siren



The versatile ELK-120 is a 2 channel custom recordable voice module and 2 channel siren driver. Recordable channels provide 10 seconds of message each, or one 20 second message when combined. The recordable channels can be configured to play once or to repeat endlessly. Combine the recordings with the built-in electronic siren sounds to make a uniquely customized siren. Optional ELK-129 Computer Sound Card Interface may be used to record sounds from a PC with a stereo sound card. **Specifications:** Operating voltage: 9~14VDC. Adjustable current draw: .25~1.8A. Low current triggers: 9~14VDC @ 30mA. Maximum sound level: 122dB*. Maximum speaker loading: 4ohm. Pulsing input: .5~2PPS, 50% duty cycle. Size: 3" x 5" x 1.25" (76mm x 127mm x 32mm). *13.8VDC @ 1 meter with one 8ohm speaker.

Order #	(ea.)
82-2150	$106.00

ELK PRODUCTS, INC. Alarm Output Director

The alarm output director separates the steady and pulsing voltage from a single alarm output and directs it to two different relay outputs. This is ideal for activating a two channel siren, strobe light or existing bell from the single alarm outputs found in many control panels. A steady voltage activates relay one (typically used for burglary) and a pulsing voltage activates relay two (typically used for fire). Mfr. #ELK-941.

Order #	(ea.)
82-3765	$29.64

ATW Security 25 Watt Siren with Enclosure

•Dual tone: Steady and warble •117dB •Weather resistant •Dual tamper switches front and back •Operating voltage: 6~14VDC •Color: Stainless steel •Dimensions: 5.7" x 5.7" x 3.7"

Order #	(ea.)
82-7335	$39.95

Piezo Dynamic Dual Tone Sirens

These rugged, weather resistant sirens feature patented low current draw (375mA) technology in a long-body (11" deep), or short-body (6" deep), white housing. Both units feature 117dB/m sound pressure, 6VDC~12VDC operation, steady and yelp tones, and have a wide 5" x 8" high impact ABS bell. Weight: 1 lb.

Order #	Description	(1-9)	(10-up)
82-060	Long body	$19.99	$17.07
82-12140	Short body	19.99	17.07

5" Weather Resistant Siren

•Heavy-duty construction •Swivel bracket •120dB sound pressure at 12V •Sweep cycle duration 1.5 cycles/second •Frequency sweep 800Hz~2KHz •Display box •12VDC/6VDC •.5A at 12VDC •Weight: 1 lb.

Order #	(1-9)	(10-up)
82-070	$15.95	$13.95

ELK PRODUCTS, INC. 30 Watt Sirens

The ELK-SS30 is a dual tone indoor/outdoor siren, 6~12VDC, 1.1Ah, 120dB. Dimensions: 6" (W) x 8" (H) x 9.5" (D). Mfr. #ELK-SS30.

Order #	(ea.)
82-3780	$15.95

ELK PRODUCTS, INC. 15 Watt Sirens

The ELK-SP15 is a 15W 8ohm weatherproof indoor/outdoor speaker for sound and security. The ELK-SS15 is a dual tone indoor/outdoor siren, 6~12VDC, 500mAh, 110dB. Dimensions: 5.25" (W) x 5.25" (H) x 6" (D).

Order #	Mfr. #	(ea.)
82-3785	ELK-SP15	$8.19
82-3790	ELK-SS15	9.21

Piezo Siren

•Operating voltage: 6~12VDC •Low current draw: 220mA at 12V; 100mA at 6V •112dB sound pressure level at 12V •Weather resistant •12" long, color coded, hook up wire •Weight: 7 oz. •Dimensions: 3½" (dia) x 3" (D)

Order #	(1-9)	(10-up)
82-140	$14.95	$13.90

ATW Security 20 Watt Weatherproof Siren

•Weatherproof, stainless steel base for indoor/outdoor use •Tones: Single warble, 111dB •Operating voltage: 6~14VDC •Color: White •Dimensions: 2.2" x 3"

Order #	(ea.)
82-7330	$13.95

MG Flush Mount Two Tone Siren

High quality flush mount alarm siren for ceiling or wall mount. Two tone, steady and yelp modes. Operates on 6~12VDC, 350mA. Output 100dB. Includes mounting hardware. 6¼" (W) x 5" (H) x 1½" (D).

Order #	(1-9)	(10-up)
82-380	$19.42	$17.17

ATW Security 15 Watt Siren

•Can be flush mounted or surface mounted •Dual tone: Steady and warble •103dB •Operating voltage: 6~14VDC •Color: White •Dimensions: 4.7" x 4.7" x 1.6"

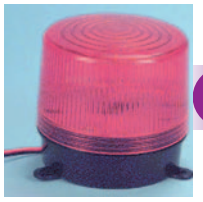
Order #	(ea.)
82-7340	$7.99

Amber Strobe

Amber Strobe for 3~14VDC applications. "U" type xenon tube over 100,000 candle power. Water tight "O" ring for indoor use. 12VDC 180mA. UL listed.

Order #	(ea.)
82-2570	$20.15

ATW Security Security Strobe Lights



Catch their attention! You can't miss a strobe flash and now you can select from three colors. Ideal for security systems, projects, or entertainment. 4" high. Flash rate 75/min. Requires 6~12VDC, 220mA.

Order #	Color	(ea.)
82-730	Red	$20.15
82-740	Blue	20.15
82-745	Amber	20.15

Indoor/Outdoor Siren with Flasher

Weather resistant siren with flasher for flush or surface mount applications. Operating voltage 12VDC, 500mA. Siren output 120dB. Clear red plastic case. Dimensions 2¾" x 5½" x 1½."

Order #	(ea.)
82-955	$14.39

Indoor/Outdoor Siren

Weather resistant siren for flush or surface mount applications. Operating voltage 12VDC, 250mA. Siren output 120dB. White plastic case. Dimensions 2¾" x 5½" x 1½."

Order #	(ea.)
82-950	$10.50

Access Control

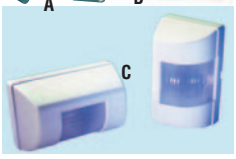
NEW

Swann
Black and White Video Intercom System

The Swann high resolution, black and white video intercom lets you see, hear and speak to visitors at your front door from the safety and comfort of your office, or home; even at night. **Features:** •Ringing doorbell activates live black and white image on base-station monitor •Remote camera/speaker incorporates night-vision camera •Easy installation using existing doorbell wiring •Mfr. #SW244-BVD

Order #	(ea.)
82-11846	$149.00

Visonic Ltd
Tag In A Bag Proximity Card Reader



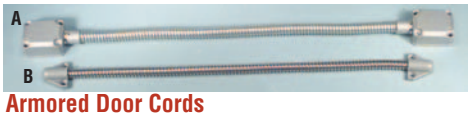
TAG–IN–A–BAG™ is the ideal stand-alone proximity system for commercial, industrial and residential applications. The system, which is based on advanced RFID technology, contains a built-in high-power relay. There's no need for an external reader or a computer to complicate wiring or set-up. Up to 250 unique tags and their individual access codes can be added or deleted directly at the keypad. **Features include:** Tag–only or tag plus PIN code operation. Fast and easy installation. Weatherproof for indoor or outdoor use. Can be integrated with an alarm system. Outputs for door ajar, tamper, auxiliary, panic and forced door entry. Request–to–exit input by a push–button or a PIR motion detector. EEPROM stores data, unaffected by power failure. External reader available. **Specifications:** Power: 12~16VDC or 9~12VAC, 200mA.

Fig.	Order #	Description	(ea.)
A	82-7735	Prox Reader	$249.00
B	82-7740	External card reader	79.95
C	82-7770	Request–to–exit PIR	69.95
–	82-7750	Prox tags, 10pk.	79.95
–	82-7765	Prox cards, 25pk.	125.00

Digital Keypad

Digital keypad with built-in 5A relay for door strikes and other security and access control systems. Includes over 100 million codes, four levels of user coding, duress output, egress input, three LEDs, built-in buzzer and EEPROM memory.

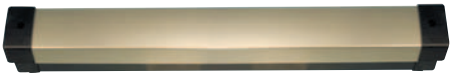
Order #	(ea.)
82-2565	$49.95



Armored Door Cords

Designed to conduct power to electric locks or access systems mounted in doors. **Features:** 18" length, Mounting screws included, surface mount.

Fig.	Order #	(ea.)
A	82-6535	$20.19
B	82-6540	14.09



Push-To-Exit Bar

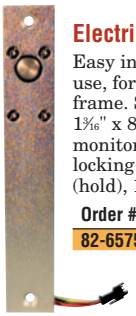
Pushing the bar at any point sends a signal to release the lock and/or shunt an alarm. Built-in non-latching (momentary), normally open and normally closed contacts. Length is 34.5" (for 36" door). Silver with black trim. Two switch contacts rated 125VAC, 5A.

Order #	(ea.)
82-6545	$120.19

Electromagnetic Locks

Water resistant and vandal resistant stainless steel finish. Ideal for all indoor and outdoor applications, even in severe weather. Maintenance free, factory sealed design. Power: 12VDC, 250mA. Brackets and spacers are available to make installations easier.

Order #	Holding Force	(ea.)
82-6565	1200 lbs.	$189.00
82-6570	600 lbs.	159.00
82-8545	"U" bracket, 12mm	18.75
82-8550	"L" bracket for 82-6570	17.95
82-8555	"L" bracket for 82-6565	18.95
82-8560	"Z" bracket for 82-6570	72.95
82-8575	Spacer plate for 82-6565	5.99



Electric Deadbolt

Easy installation for vertical or horizontal use, for concealed mounting on door or frame. Stainless steel face plate. Only 1⅜" x 8¼" with ⅛" bolt throw. Door position monitoring, form "C" output. Two second locking delay. Power: 12~28VDC, 250mA (hold), 1.2A (activation).

Order #	(ea.)
82-6575	$180.79

Electric Door Strikes

Converts cylindrical lock sets to electronic access controlled locking systems. 5" x 1¼" x 1¼". Symmetrical-sized, reversible for right or left hand doors. Shallow design allows for use in most metal doors. Solenoid activated not a buzzer coil. Jaw strength is 2000 lbs. 12VDC.

Order #	Door Type	Application	Power	(ea.)
82-6550	Metal	Fail safe/secure	250mA	$75.79
82-6555	Wood	Fail secure	800mA	33.29
82-6560	Wood	Fail safe	165mA	29.95

#82-8585

Push-To-Exit Plates

Stainless steel pace plates with "EXIT" and "SALIDA" silk screened on plate. #82-8580 fits into a standard single gang box and #82-8585 is slim-line design. #82-8580 has a green mushroom cap push button and 5A, 125VAC NO/NC pushbutton switch. #82-8585 has black 1A, 125VAC NO/NC pushbutton switch.

Order #	Description	(ea.)
82-8580	Single gang	$34.95
82-8585	Slim-line	9.99

Mier Products Inc.
Drive-Alert System

The Drive-Alert is a multi-purpose, electronic alarm system designed to detect vehicles in driveways, lanes or anywhere knowledge of vehicle movement is desired. The DA-500 kit contains a control unit, sensor with 100' of cable and a remote whistle. Drive-Alert operates by sensing changes in the earth's magnetic field. This magnetic field is disrupted when a metal object passes over and the probe sends a small voltage to the controller. Installation is very simple. The probe is buried 6" deep and parallel to the driveway. The direct bury wire is buried along the driveway and connected to the control unit. The Drive-Alert control unit provides power to the system and provides output to the accessories such as a remote whistle, timer control or alarm panel. Mfr. #DA-500.

Order #	(ea.)
82-4005	$177.00

Voice Dialer

Automatically dials up to four telephone numbers and delivers up to two different messages when triggered by an alarm system. Easily connects to an alarm panel and automatically dials when activated. Two independent voice messages and up to four telephone numbers, cellular numbers or pager numbers. Delivers a message up to 16 seconds to each number stored. Can be used world wide due to universal dial tone. Can be used with standard or PBX telephone systems.

Order #	(ea.)
82-966	$99.95

OPTEX
Wireless 1000 Annunciator System

The Wireless 1000 Annunciator system is a wireless chime for indoor and outdoor applications. Its wireless PIR detector has detection patterns for doorway and driveway coverage. Just insert a 9V battery and mount the detector wherever you want detection, then plug in the chimebox receiver to complete the installation. Installs anywhere quickly and easily. Ideal for detecting approaching vehicles and people, alerting visitors to your home or shop, and activating a variety of electronic equipment i.e. doorstrikes, magnetic locks, sirens, motors, etc. **Features include:** On/off control, adjustable volume, individual enunciation of up to three zones and an optional alarm mode (RC-10U receiver only), more than 8 million transmission codes, low battery signal, and long transmission range (TD-10 is 1,000', TS-10 is 700').

Fig.	Order #	Description Mfr. #	(ea.)
Indoor/outdoor sensor transmitter			
A	82-7665	TD-10U	$79.00
Hand held push button transmitter			
B	82-7670	TS-10U	39.95
Chime box receiver w/relay			
C	82-7675	RC-10U	79.00
Single relay receiver			
D	82-7680	RG-10U	66.95
Kit includes RC-10U and TD-10U			
A & C	82-7662	RCTD-10U	169.00

Wireless Remote Control System

The Wireless Remote Control System operates 16 modules via RF and power line transmission. The hand held remote sends an RF signal to the base transceiver, which in turn converts the signal onto the power line.

Order #	(ea.)
PHK05	$39.29

Dual Floodlight Motion Detector

Primarily acts as a dusk or motion sensor. The dual floodlight motion detector can send "on and off" commands to four devices when it senses motion and four separate devices when it senses dusk. Commonly used with the remote chime (PHH02) to alert that someone is approaching the house.

Order #	Description	(ea.)
PHS01	Dual Floodlight Motion Detector	$46.95
PHH02	Remote Chime	20.95

Appliance Modules

Appliance modules allow convenient, plug–in control of appliances throughout your house. Automatic gain control compensates for low signal levels in larger homes. Two way modules communicate the status of the unit to the controller.

Order #	Description	(ea.)
PAM01	Two prong w/AGC	$17.95
PAM02	Three prong w/AGC	15.99
PAM22	Three prong w/two way	32.29
PAM04	Three Prong 220V, 20A	19.19

Universal Module

The Universal Module trips a device connected to the dry contact; rated at 24VDC. Optionally emits a notification beep when activated. Commonly used for drapery controls, sprinkler systems, garage door openers, etc. Can be set for momentary or sustained contact closure.

Order #	(ea.)
PUM01	$20.99

Wall Switch Modules

The Wall Switch Module is used to control a light which is presently controlled by switches. The modules are rated for incandescent lights only, up to a maximum rating of 500W. It can be turned on and off, and dimmed and brightened remotely from any X-10 controller. The module responds to "all lights on" and "all lights off" from any controller.

Order #	Description	(ea.)
PLW01-I	Wall switch, ivory	$12.95
PLW01-W	Wall switch, white	12.79
PLW02-I	3-way switch, ivory	17.95
PLW02-W	3-way switch, white	17.95

Lamp Modules

Lamp modules offer convenient, plug–in control of incandescent lights. Intensity control is built into the module and will work even with basic incandescent lamps. Lamp modules allow you to dim lights and they respond to all lights on command from transmitters.

Order #	Description	(ea.)
PLM01	Dimmer with AGC	$15.19
PLM03	Dimmer w/o AGC	12.95

Occupancy Sensor

This wireless device sends an X-10 "On" signal when it detects motion and an "Off" signal after not detecting motion for a programmable time, up to four hours. It also sends an "On" signal to the next sequential address when it detects dusk and an "Off" signal when it detects dawn.

Order #	(ea.)
PMS02	$16.95

Powerflash Security Interface

The powerflash connects to a dry contact such as the external connectors on an existing security system and transmits one of three signals when activated. Mode one turns all X-10 controlled lights On along with one appliance. Mode two flashes X-10 controlled lights On and Off. Mode three turns one selected X-10 address On and Off. **Specifications:** Input A: 6~18VAC/VDC. Input B: Dry contact closure.

Order #	(ea.)
PSC01	$23.49

Personal Assistance Voice Dialer

Main console emits notification alarm, begins dialing up to four pre-programmed numbers and sends instructions to flash all X-10 controlled lights to attract attention. The person answering the call can listen in by pressing "0" on their touch tone phone to help determine the nature of the emergency. Additional pendants are available (PPR01).

Order #	(ea.)
PPC01	$99.95

In-Line Modules

In-line modules mount inside the light fixture or electrical box. XPDF works with resistive loads and offers intensity control of incandescent lights up to 300W. XPFM works with inductive loads, 120VAC, 15A.

Order #	(ea.)
XPDF	$22.19
XPFM	22.19

Smoke/Gas Detectors

First Alert®
Professional Smoke and Fire Detector

The world's best selling smoke detector. Flashing LED indicates detector is working. Hinged cover. Ionization type detector.

Order #	(ea.)
82-1310	$14.30

TECHSPRAY
Quick Test Smoke Detector Test

•Offers a convenient way to test smoke detectors to ensure proper operation •Unique formulation consists of aerosol particles that simulate actual fire and smoke conditions •Easy to use •Quick detection •2.5 oz. can •12 cans per case •Mfr. #1914-2.5S

Order #	(1-11)	(12-up)
20-3545	$6.19	$4.96

First Alert®
Extra Sensitive Carbon Monoxide Detector

Better protection than plug-in detectors. Warns at low CO levels plug-ins are not designed to detect. Mounts out of the reach of children. Protects during a power outage. Dramatic new package design. Reset button. Two stage alarm-warning and full alarm. New, longer 10 year warranty on detector. 2 year warranty on SensorPack module.

Order #	(ea.)
82-1390	$61.45

INTERMATIC®
Digi-Set

With this easy-to-set hand held programmable timer you can program up to four on/off settings per day. This heavy-duty grounded timer controls all types of loads such as TVs, stereos and appliances. **Features include:** Random setting, LCD digital clock and readout and to-the-minute setting accuracy.

Order #	(ea.)
28-2885	$29.80

Batteries

DANTONA INDUSTRIES, INC.
Sealed Lead Acid Batteries

Replacement batteries used for UPS, emergency lighting, security or any floating application. Maximum charging current is nominal.

Fig.	Order#	Mfr. #	Voltage	Capacity	Dimensions (L) x (W) x (H)	(ea.)
A	294-1375	CyCLON-D 0810-0004	2.0V	2.5Ah	1.34" diameter x 2.65" height	$7.29
B	294-1380	CYCLON-X 0800-0004	2.0V	5.0Ah	1.74" diameter x 3.16" height	10.15
C	294-1385	0819-0010	4.0V	2.5Ah	3.13" x 1.81" x 2.75"	16.95
D	294-1390	0809-0010	4.0V	5.0Ah	3.80" x 2.12" x 3.02"	21.95
E	294-1395	0859-0010	4.0V	8.0Ah	3.81" x 2.13" x 4.00"	25.95
F	294-1400	0819-0012	6.0V	2.5Ah	4.48" x 1.81" x 2.75"	18.95
G	294-1405	0859-0012	6.0V	8.0Ah	5.48" x 2.13" x 4.00"	29.95

ELK PRODUCTS, INC.
Battery LifeTester™

The Elk Battery LifeTester™ is a compact, easy to use instrument for testing rechargeable 12V batteries up to 65A hours. Unlike ordinary testers which only measure static criteria, the LifeTester™ measures internal conductivity, which is the best indicator of a battery's health and life expectancy. **Other features include:** •Does not discharge or damage the battery •Warns if battery voltage is too low •Warns if battery should be replaced •Temperature compensated for all environments •Replaceable test leads •Reverse polarity indicator •Checks for improper battery terminal connections •Numeric LED display shows: Reference setting, battery voltage, ambient temperature, percentage of reference setting, temperature compensated MHOS reading, and direct MHOS reading **Specifications:** •Operating voltage: 12.3V~14VDC •Current draw: 1.1A max., 0.0016Ah for full test •Battery leads: 12" •Enclosure size: 4.4" (W) x 3" (H) x 1.15" (D) •Mfr. #ELK-BLT

Order #	(ea.)
82-7725	$129.95

ELK PRODUCTS, INC.
Rechargable, Sealed Lead Acid Batteries

Elk sealed lead acid batteries are maintenance free, long life, back-up batteries specially conditioned for alarm applications. Maximum charging current is nominal capacity times 0.3. Connections via .187" disconnect except #82-4765 which is bolt and nut.

Order #	Mfr. #	Capacity	Dimensions (L) x (W) x (H)	(ea.)
6 Volt				
82-4740	ELK-0650	5.0Ah	2.8 x 1.8 x 4.0	$10.99
12 Volt				
82-4745	ELK-1213	1.2Ah	3.8 x 1.7 x 2.0	17.89
82-4750	ELK-1250	5.0Ah	2.75 x 2.75 x 4	22.99
82-4755	ELK-1280	7.0Ah	6.0 x 2.5 x 3.75	24.95
82-4760	ELK-12120	10Ah	6.0 x 4.0 x 3.75	46.59
82-4765	ELK-12180	17Ah	7.2 x 3.0 x 6.5	87.95

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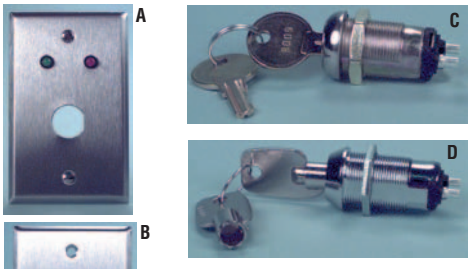

Security Key Switches and Station Plates

Key switches are rated for 2.8A at 24VDC and 15A at 48VAC. Brass contacts provide longer life. Station plates are brushes satin aluminum with 6~12VDC operating voltage. Designed for single gang box installations.

Fig.	Order #	Description	(1-9)
A	82-130	Single red LED station plate	$7.19
B	82-135	Red/green LED station plate	8.99
C	26-070	Screw terminal switch SPST	5.15
D	26-500	Momentary contact key switch	5.76
D	26-502	Momentary contact key switch W/common key	5.76

Stainless Steel Sash Chain

Order #	Mfr. #	Description	(1-9)	(10-49)
28-9200	SS-12	100' roll	$89.95	$87.95
28-9205	SS-12	1'	0.99	0.89

KEY-BAK®
Super 48 Key Retractor

The standard of excellence for key retractors. 48" key extension. Exclusive quick–draw extension makes this Key-Bak faster to use and holds more keys. Back attachment is both belt and loop. Robust polycarbonate case. Backed by a lifetime service policy within the continental U.S.A.

Order #	Mfr. #	(1-9)	(10-49)
28-9130	S48	$13.95	$13.50

KEY-BAK®
Mini-Bak ID Card Holder

The MBTF "Twist-Free" keeps the ID badge facing forward for extra security. The FLEX-HK "Flex Hook" is designed for use specifically with badges with round holes. The MBID "Mini-Bak Classic" has a vinyl strap for ID cards. "Alligator" swivel clip on the back of each for easy, quick attachment to your person. 36" extension. Tested to 180,000 retractions. Black.

Order #	Mfr. #	(1-9)	(10-49)
28-9145	MBTF	$4.99	$4.89
28-9150	FLX-HK	4.99	4.89
28-9155	MBID	5.49	5.39